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Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970

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Arctic Biological Station
Department of Fisheries and Oceans
Quebec Region

March 1989

Canadian Data Report of Fisheries and Aquatic Sciences No. 746

Fisheries and Oceans Pêches et Océans Canada

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BENTHIC INVERTEBRATES COLLECTED FROM HUDSON STRAIT, FOXE CHANNEL AND FOXE BASIN, CANADA, 1949 to 1970

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90-00202/

Minister of Supply and Services Canada 1989
Cat. No. Fs97-13/0746 ISSN 0706-6465

Correct citation for this publication:

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

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ABSTRACT

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

Tabulations of benthic invertebrates are provided for 81 stations sampled in the Hudson Strait-Foxe Basin area by the Eastern Arctic Investigations of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans, between 1949 and 1970. A total of 541 species, mostly macrobenthic (> 1 mm), are represented in the collections.

Key words: Benthos, benthic environment, marine invertebrates, distribution, Arctic Canada, Hudson Strait, Foxe Basin.

RÉSUMÉ

Atkinson, E.G. and J.W. Wacasey. 1989. Benthic invertebrates collected from Hudson Strait, Foxe Channel and Foxe Basin, Canada, 1949 to 1970. Can. Data Rep. Fish. Aquat. Sci.: 746. iv + 98 p.

Des compilations des invertébrés benthiques sont produites pour 81 stations échantillonnées dans la région du Détroit d'Hudson-Bassin de Foxe entre 1949 et 1970 par le groupe Eastern Arctic Investigations de l'Office des Recherches sur les Pêcheries du Canada, maintenant la Station de Biologie Arctique du Ministère des Pêches et des Océans. Un total de 541 espèces, principalement macrobenthiques (> 1 mm), sont représentées dans les échantillons.

Mots clefs: Benthos, milieu benthique, invertébrés marins, distribution, Arctique canadien, Détroit d'Hudson, Bassin de Foxe.

INTRODUCTION

This report contains lists of benthic invertebrates collected in Hudson Strait, Foxe Channel and Foxe Basin between 1949 and 1970 by the Eastern Arctic Investigations of the Fisheries Research Board of Canada, now the Arctic Biological Station of the Department of Fisheries and Oceans.

Intertidal sampling was done by hand and with dip nets; from boats, collections were made by dredge, trawl, grab, hand line, plankton net, dip net, and by removing specimens brought up by the anchor. Sampling was not quantitative, and since no special effort was made to retain meiofauna or microfauna, many small species are not included.

Some of the material included here has already been reported in the publications listed under References; identifications of species not covered therein were made by the authors and others in order to present complete listings of the benthic invertebrates collected at each station. Station locations are shown in Figures 1 and 2, and coordinates and associated data are listed in Tables 1 and 2 respectively. The latter consist of collection date and station depth; time of collection, temperature and salinity near the bottom are included when available. Table 3 is an alphabetical listing of all species, compiled from the individual station lists presented in the following Tables 4-84. The relative number of species indicated from the various geographical sub-regions at the end of this table probably reflects unequal sampling intensities rather than any real differences in diversity. The names of some species listed in the publications referred to have been changed to conform to recent literature, but the former name is given in parentheses. Most of the specimens have been deposited in the National Museum of Natural History, Ottawa.

ACKNOWLEDGEMENTS

We thank the following individuals for identifying specimens not covered in the publications listed below: N. Jarrett, A. Mohammed, J. Lovrity, K. Rieman-Zerneck, P. Frank and J. Just. L. Glasspoole and D. Moore helped in sorting some of the material and R. Clarke assisted in compiling and checking the lists. E.H. Grainger provided some collection data and helped to resolve inconsistencies in these where necessary. Dora Godard's care and patience in typing the report are greatly appreciated.

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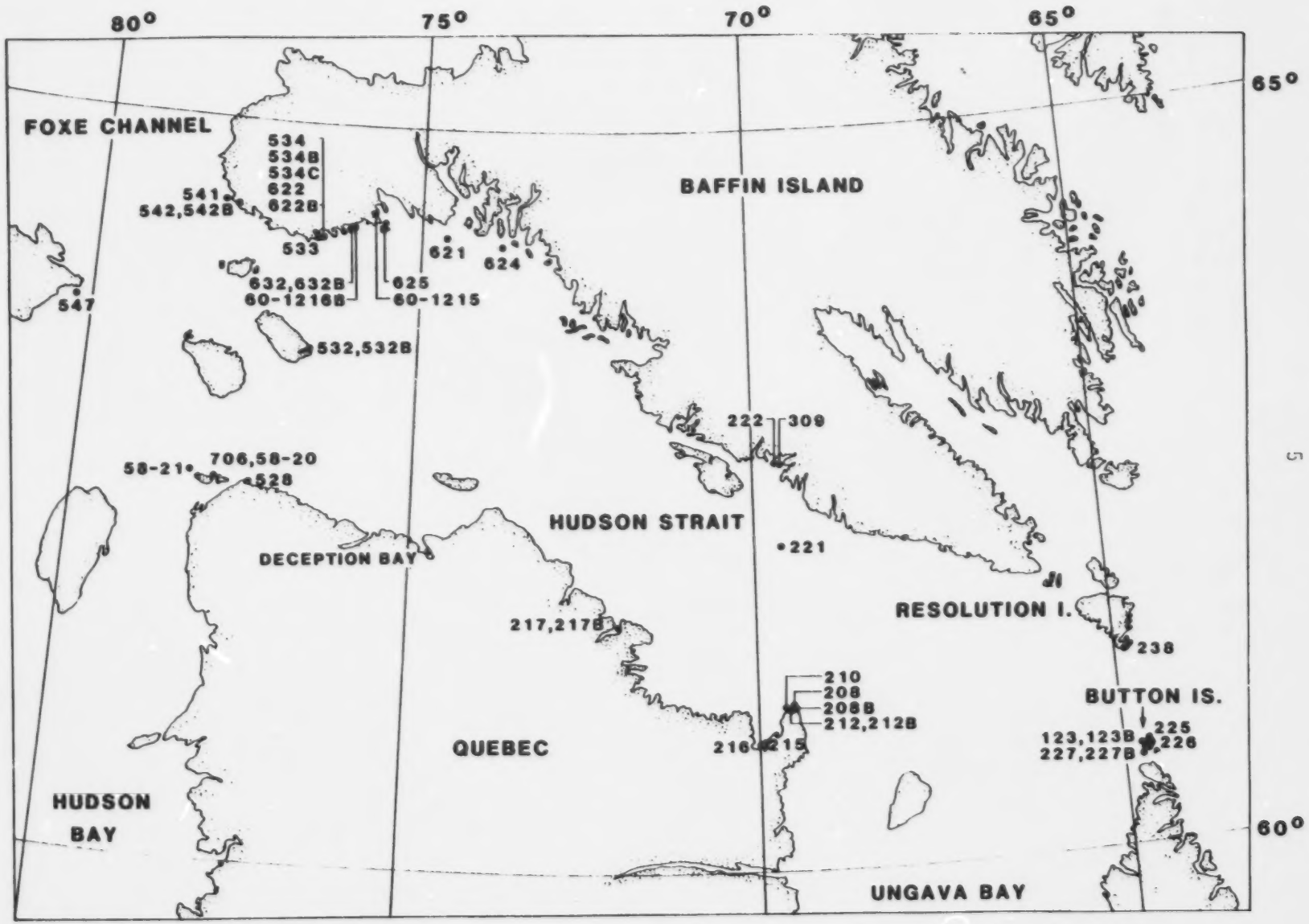

Fig. 1. Locations of benthic stations in Hudson Strait and Foxe Channel.

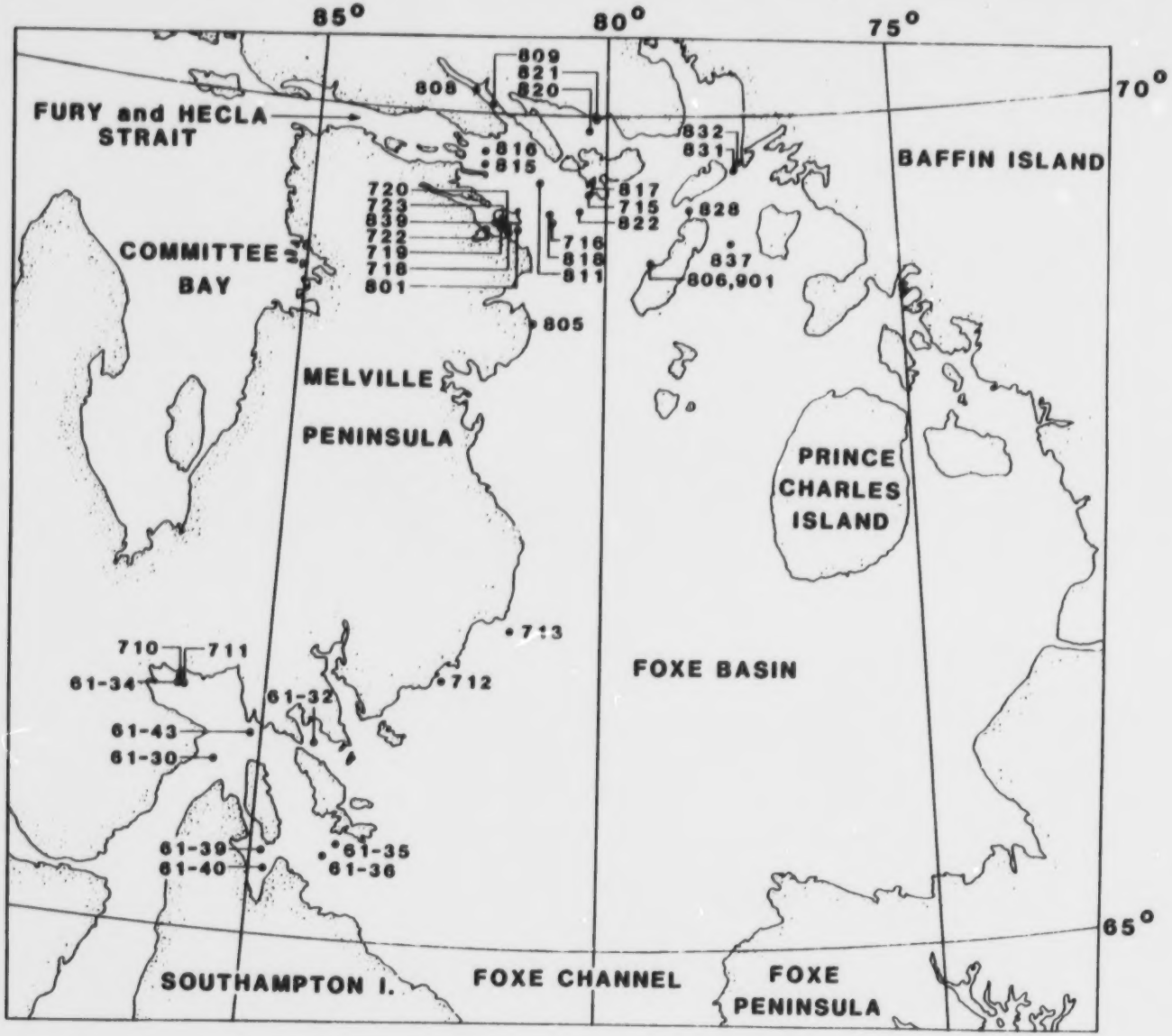

Fig. 2. Locations of benthic stations in Foxe Basin.

Table 1. Coordinates of stations that were sampled in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

Station	North Latitude	West Longitude
Eastern Hudson Strait		
123, 123B	60°39.5'	64°41.8'
225	60°40.5'	64°39.7'
226	60°39.7'	64°38.9'
227, 227B	60°35.9'	64°43.5'
238	61°20'	64°53'
Central Hudson Strait		
208	61°05.3'	69°34'
208B	61°05'	69°33'
210	61°04.5'	69°39'
212, 212B	61°02'	69°38'
215	60°49.5'	69°52'
216	60°49.5'	69°56'
217, 217B	61°41'	71°56'
221	62°12'	69°38'
222	62°45'	69°41'
309	62°45'	69°40'
Western Hudson Strait		
528	62°32'	77°24'
532, 532B	63°27'	76°43'
533	64°14'	76°35'
534, 534B, 534C	64°14'	76°33'
621	64°17'	74°38'
622, 622B	64°14'	76°33'
624	64°14'	73°44'
625	64°20'	75°34.5'
632, 632B	64°21'	76°12'
706	62°34'	77°52'
58-20	62°34'	77°52'
58-21	62°36'	78°16'
60-1215	64°25'	75°50'
60-1216B	64°22'	76°10'
Deception Bay	62°08.2'	74°40.8'
Foxe Channel		
541	64°25'	78°05'
542, 542B	64°24'	77°56'
547	63°41'	80°12'

Table 1. Continued.

Station	North Latitude	West Longitude
Foxe Basin		
710	66°31'	86°15'
711	66°28'	86°12'
712	66°37'	82°20'
713	66°55'	81°20'
715	69°34'	80°17'
716	69°23'	80°49'
718	69°18.5'	81°35.5'
719	69°20.5'	81°43.5'
720	69°21.5'	81°40.5'
722	69°20'	82°00'
723	69°22.7'	81°44.3'
801	69°20.5'	81°26'
805	68°46'	81°11'
806	69°06'	79°11
808	70°08.4'	82°20'
809	70°04.8'	81°58'
811	69°37.2'	81°06.3'
815	69°43.2'	82°07'
816	69°46.5'	82°07.5
817	69°36'	80°13'
818	69°24'	80°53'
820	69°55.7'	80°19'
821	70°00.5'	80°12'
822	69°27.2'	80°26.5'
828	69°25.7'	78°33'
831	69°42.2'	77°46'
832	69°44'	77°38.2'
837	69°16'	77°48'
839	69°22.5'	81°47.6'
901	69°06'	79°11'
61-30	65°59'	85°45'
61-32	66°11'	84°12'
61-34	66°28'	86°16'
61-35	65°36'	83°45'
61-36	65°32'	83°55'
61-39	65°32'	84°52'
61-40	65°25'	84°49'
61-43	66°13'	85°09'

Table 2. Associated data for stations sampled in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

Station	Date	Time (EST)	Time (GMT)	Water Depth (m)	Temp. (°C)	Sal. (‰)
Eastern Hudson Strait						
123	10 Aug 49			shore		
123B	10 Aug 49			7	1.40	32.35
225	12 Aug 50			21		
226	13 Aug 50	1225	1725	99		
227	13 Aug 50			shore		
227B	13 Aug 50			20	0.95	31.82
238	1-8 Sep 50			36		
Central Hudson Strait						
208	20 Jul 50			82	-1.39	33.12
208B	21 Jul 50			shore		
210	21 Jul 50	1105	1605	109		
212	21 Jul 50			shore		
212B	21 Jul 50			18		
215	24 Jul 50			shore		
216	24 Jul 50	1710	2610	21		
217	30 Jul 50			shore		
217B	30 Jul 50			18		
221	4 Aug 50			274	-1.37	33.42
222	3 Aug 50	1650	2550	91		
309	28 Jul 51			shore		
Western Hudson Strait						
528	9 Aug 53	1645	2545	shore		
532	12 Aug 53	0600	1500	shore		
532B	12 Aug 53	0730	1630	9		
533	14 Aug 53			12		
534	15 Aug 53			12		
534B	16 Aug 53			shore		
534C	26 Aug 53	0930	1830	30		
621	22 Mar 54	1640	2540	shore		
622	16,18 Aug 54			4		
622B	17 Jul - 29 Sep 54			shore		
624	27,28 May 54			shore		
625	26 Jun - 5 Jul 54			shore		

Table 2. Continued.

Station	Date	Time (EST)	Time (GMT)	Water Depth (m)	Temp. (°C)	Sal. (‰)
Western Hudson Strait						
632	7 Aug 54			shore		
632B	9 Aug 54			shore		
706	8 Aug 55			shore		
58-20	6 Sep 58			13	5.50	27.56
58-21	6 Sep 58			53	0.74	30.12
60-1215	11 Aug 60			shore		
60-1216B	12 Aug 60			shore		
Deception Bay	26 Jul 70			6-9		
Foxe Channel						
541	27 Aug 53			74		
542	27 Aug 53			38		
542B	28 Aug 53			shore		
547	3 Sep 53			73		
Foxe Basin						
710	8 Sep 55	1230	1730	shore		
711	8 Sep 55	2030	0130	110		
712	10 Sep 55	0600	1100	14		
713	12 Sep 55	1536	2036	49	0.00	31.17
715	18 Sep 55 - 26 Aug 56			0-15		
716	19 Sep 55	1520	2020	110	0.18	31.69
718	25 Sep 55	1426	1926	75	-0.56	31.60
719	29 Sep 55 - 13 Sep 56			51	-1.75- -0.44	31.22- 32.52
720	29 Sep - 16 Oct 56			18		
722	29 Sep 55	1437	1937	45	-0.39	31.44
723	26 Oct 55 - 4 Sep 56			24	-1.81- -0.39	
801	7 Jun 56	0045	0545	10		
805	5 Aug 56	1330	1830	9		
806	8 Aug 56	2355	0455	8		
808	16 Aug 56	1405	1905	174	-1.72	32.52
809	16 Aug 56			shore		
811	17 Aug 56	1600	2100	106	-0.02	32.56

Table 2. Continued.

Station	Date	Time (EST)	Time (GMT)	Water Depth (m)	Temp. (°C)	Sal. (‰)
Foxe Basin						
815	18 Aug 56	1030	1530	80	-0.17	31.98
816	18 Aug 56			80	-0.36	32.12
817	24 Aug 56	1300	1800	20	3.78	
818	26 Aug 56	1305	1805	93	0.23	32.38
820	28 Aug 56	1350	1850	73	-1.38	32.50
821	29 Aug 56	1300	1800	30		
822	30 Aug 56	1715	2215	29		
828	7 Sep 56	1550	2050	27	-0.68	31.06
831	8 Sep 56			71	-1.33	32.94
832	8 Sep 56	1435	1935	90	-1.37	33.30
837	9 Sep 56	1600	2100	55	0.60	31.38
839	2 Oct 56	1030	1530	6		
901	8 Jun -			3-34	-1.70	31.04
	8 Sep 57				-0.85	33.71
61-30	11 Aug 61	0315	0815	57	0.73	32.72
61-32	14 Aug 61	1830	2330	145	-0.92	
61-34	23 Aug 61	0515	1015	125	-0.12	32.79
61-35	24 Aug 61			155	-1.26	33.15
61-36	24 Aug 61	1230	1730	285	-1.70	33.48
61-39	25 Aug 61	1645	2145	42	0.06	32.45
61-40	26 Aug 61	1500	2000	40	0.63	32.52
61-43	28 Aug 61			92	-0.32	32.48

Table 3. Species of benthic invertebrates collected from stations located in Hudson Strait, Foxe Channel and Foxe Basin from 1949 to 1970.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ANNELIDA:Hirudinea (1 sp.)					
Leeche					x
ANNELIDA:Oligochaeta (1 sp.)					
Oligochaete			x	x	
ANNELIDA:Polychaeta (70 sp.)					
Ammotrypane aulogaster		x			x
Ammotrypane breviata			x		
Ampharete acutifrons			x		
Ampharete goesi			x		
Amphitrite cirrata	x				
Antinoella sarsi					x
Arenicola marina			x		
Aricidea suecica			x		
Asabellides sibirica			x		
Autolytus prolifer	x				
Axiothella catenata		x			
Capitella capitata			x		
Chaetozone setosa			x		x
Chaetozone sp.					x
Chitinopoma fabricii				x	x
Chone infundibuliformis		x			
Chone sp.			x	x	x
Ephesiella minuta			x		
Eteone longa		x	x		x
Euchone analis					x
Euchone papillosa			x		x
Eusyllis blomstrandi	x		x		x
Exogone verugera			x		
Fabricia sabella			x		
Flabelligera affinis					x
Gattyana cirrosa					x
Harmothoe extenuata	x	x	x		x
Harmothoe imbricata	x	x	x		x
Harmothoe nodosa	x	x			x
Lanassa venusta			x		x
Leaena abranchiata					x
Lumbrineris fragilis		x	x		
Lysippe labiata			x		
Micronephthys minuta			x		x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ANNELIDA:Polychaeta					
Mystides borealis					x
Nephtys ciliata		x			x
Nereimyra aphroditoides			x		x
Nereis pelagica	x	x			x
Nereis sp.			x		
Nicolea zostericola			x		
Nicomache lumbricalis		x			
Onuphis conchylega	x				x
Ophelia limacina		x			
Paraonis sp.			x		
Pectinaria granulata			x		
Pectinaria hyperborea				x	x
Pholoe minuta		x	x	x	x
Phyllodoce mucosa			x		
Pionosyllis compacta					x
Pista maculata					x
Polycirrus medusa			x		x
Polydora caulleryi			x		
Polydora sp.					x
Praxillella praetermissa			x		
Prionospio cirrifera			x		
Proclea graffi					x
Pygospio elegans					x
Sabella crassicornis	x				
Sabellides octocirrata			x		x
Scalibregma inflatum		x	x		
Scoloplos armiger		x	x		
Spirorbis spirillum		x			x
Spirorbis sp.					x
Stauronereis caecus	x				
Syllis cornuta				x	
Syllis fasciata					x
Tharyx acutus			x		x
Thelepus cincinnatus	x	x	x		x
Travisia forbesi			x		
Polychaete			x	x	x
ARTHROPODA:Acarina (1 sp.)					
Mite			x	x	x

Table 3. Continued.

	Hudson Strait East	Hudson Strait Central	Hudson Strait West	Foxe Channel	Foxe Basin
ARTHROPODA:Amphipoda (130 sp.)					
Acanthonotozoma cristatum					x
Acanthonotozoma inflatum					x
Acanthonotozoma serratum				x	x
Acanthostepheia malmgreni					x
Aceroides latipes					x
Aeginina longicornis				x	x
Ampelisca eschrichti		x			x
Amphithopsis longicaudata	x				
Anonyx affinis					x
Anonyx laticoxae					x
Anonyx lilljeborgi		x	x		x
* Anonyx nugax	x	x	x	x	x
* Apherusa glacialis			x		x
Apherusa megalops	x				x
Arctopleustes glabricauda		x			
Argissa hamatipes					x
Aristias tumidus	x				x
Arrhinopsis longicornis					x
Atylus carinatus					x
Atylus smitti					x
Bathymedon obtusifrons					x
Boeckosimus affinis			x		
Boeckosimus edwardsi	x	x			x
Boeckosimus plautus		x			x
Byblis gaimardi					x
Calliopius laeviusculus			x		
Caprella linearis					x
Caprella septentrionalis			x	x	x
Centromedon pumilus					x
Dulichia spinosissima					x
Dyopedos hirticornis					x
Dyopedos porrectus	x				
Ericthonius tolli				x	x
Eurysteus malanops	x		x		x
Eusirus cuspidatus			x		x
Gammaracanthus loricatus					x
Gammarellus homari	x				
Gammaropsis maculata					x
Gammarus oceanicus		x	x		x
Gammarus setosus	x	x	x	x	x
Gammarus wilkitzkii					x
* Anonyx makarovi					x
* Anonyx sarsi					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Amphipoda					
Halirages fulvocinctus			x	x	x
Halirages nilssoni			x		x
Haploops setosa					x
Haploops tubicola					x
Ischyrocerus anguipes	x	x		x	x
Ischyrocerus commensalis	x				
Ischyrocerus latipes	x	x			x
Ischyrocerus megacheir				x	
Ischyrocerus megalops	x	x			x
Ischyrocerus stephenseni					x
Ischyrocerus sp.					x
Maera loveni					x
Melita formosa					x
Melita quadrispinosa					x
Melita sp.					x
Melphidippa goesi					x
Mesometopa neglecta	x	x		x	x
Metacaprella horrida					x
Metopa alderi	x				
Metopa borealis			x		
Metopa bruzelii	x	x		x	x
Metopa glacialis	x				x
Metopa hearni	x	x			
Metopa invalida	x				
Metopa longicornis	x				
Metopa norvegica				x	
Metopa propinqua	x			x	
Metopa robusta				x	
Metopa sinuata	x	x		x	
Metopella carinata	x				x
Metopella longimana	x	x		x	x
Metopelloides micropalma			x		
Monoculodes boecki					x
Monoculodes borealis					x
Monoculodes intermedius					x
Monoculodes latimanus					x
Monoculodes schneideri					x
Monoculodes simplex					x
Monoculodes tuberculatus					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Amphipoda					
Monoculodes vibei					x
Monoculodes zernovi					x
Monoculopsis longicornis					x
Neopleustes boecki	x	x			
Neopleustes pulchellus	x				
Odius carinatus	x				
Oediceros saginatus					x
Onisimus glacialis		x			x
Onisimus litoralis		x	x	x	x
Onisimus nanseni				x	x
Opisa eschrichti		x			
Orchomene groenlandica	x				
Orchomene macroserrata	x		x		x
Orchomene minuta	x	x	x		x
Orchomene pinguis	x	x	x		x
Paramphithoe hystrix		x		x	x
Parapleustes assimilis	x			x	x
Parapleustes bicuspis	x			x	x
Parapleustes gracilis					x
Parapleustes ramyslovi					x
Pardalisca cuspidata					x
Paroediceros lynceus	x		x		x
Paronesimus barentsi					x
Photis sp.					x
Pleustes medius					x
Pleustes panoplus	x	x			x
Pleusymtes buttoni	x				
Pleusymtes glabroides	x				
Pontogeneia inermis	x		x		x
Pontoporeia femorata					x
Protomedeia grandimana					x
Rhachotropis aculeata					x
Rhachotropis oculata					x
Rozinante fragilis					x
Sivladia arctica					x
Socarnes bidenticulatus			x	x	x
Socarnes vahli	x				x
Stegocephalus inflatus					x
Stenopleustes olriki					x
Stenothoe brevicornis	x				
Stenula nordmanni	x	x			

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Amphipoda					
Stenula sp.	x				
Syrrhoe crenulata					x
Tryphosa marina				x	x
Unciola leucopis					x
Westwoodilla brevicalcar	x				x
Westwoodilla megalops					x
Weyprechtia pinguis	x		x		x
ARTHROPODA:Cirripedia (5 sp.)					
Balanus balanoides	x	x	x	x	x
Balanus balanus			x	x	x
Balanus crenatus			x		x
Scalpellum cornutum				x	x
Scalpellum hamatum					x
ARTHROPODA:Cumacea (11 sp.)					
Brachydiastylis resima					x
Campylaspis rubicunda				x	
Cumella sp.			x		x
Diastylis goodsiri					x
Diastylis rathkei					x
Diastylis scorpioides					x
Diastylis spinulosa					x
Lamprops fuscata					x
Leptostylis ampullacea					x
Leucon sp.					x
Platyaspis typica			x		
ARTHROPODA:Decapoda (16 sp.)					
Argis dentata		x		x	x
Eualus fabricii	x	x	x		x
Eualus gaimardi	x		x		x
Eualus gaimardi belcheri	x				x
Hyas coarctatus	x	x	x		
Lebbeus groenlandicus	x	x	x	x	x
Lebbeus microceros					x
Lebbeus polaris	x	x	x	x	x
Pagarus pubescens	x				x
Pandalus montagui		x			
Pasiphaea tarda	x				

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ARTHROPODA:Decapoda					
Sabinea septemcarinata		x		x	x
Sclerocrangon boreas		x	x		x
Sergestes arcticus	x				
Spirontocaris phippsi		x	x	x	x
Spirontocaris spinus	x	x	x	x	x
ARTHROPODA:Isopoda (10 sp.)					
Aega psora	x				
Arcturus baffini		x			x
Calathura brachiata					x
Bopyroides hippolytes		x			
Janira tricornis	x	x		x	x
Mesidotea sabini			x	x	x
Munnopsis typica					x
Munnopsurus giganteus					x
Phryxus abdominalis					x
Synidotea marmorata					x
ARTHROPODA:Mysidacea (1 sp.)					
Mysis oculata					x
ARTHROPODA:Nebaliacea (1 sp.)					
Nebalia bipes			x		x
ARTHROPODA:Ostracoda (1 sp.)					
Philomedes globosus			x		x
ARTHROPODA:Pycnogonida (14 sp.)					
Boreonymphon abyssorum					x
Boreonymphon robustum					x
Colossendeis proboscidea					x
Nymphon brevitarse	x				x
Nymphon elegans					x
Nymphon grossipes					x
Nymphon hirtipes					x
Nymphon hirtum					x
Nymphon longitarse					x
Nymphon megalops					x
Nymphon microrhynchum					x
Nymphon serratum					x
Nymphon stromi					x
Pseudopallene circularis					x

Table 3. Continued.

	Hudson Strait East	Hudson Strait Central	Hudson Strait West	Foxe Channel	Foxe Basin
ASCHELMINTHES:Nematoda (1 sp.)					
Nematode			x	x	x
BRACHIOPODA (2 sp.)					
Atretia gnomon			x		x
Hemithyris psittacea	x	x	x	x	x
CHORDATA:Ascidacea (26 sp.)					
Aplidium glabrum				x	x
Ascidia callosa	x	x			x
Ascidia prunum					x
Ascidia sp.		x			x
Boltenia echinata	x	x			x
Boltenia ovifera	x	x	x	x	x
Botrylloides aureum					x
Chelyosoma macleayanum				x	
Ciona intestinalis					x
Cnemidocarpa finmarkiensis					x
Dendrodoa aggregata				x	x
Dendrodoa sp.					x
Didemnum albidum				x	x
Dystaplia clavata	x			x	
Halocynthia pyriformis		x		x	x
Lissoclinum aureum					x
Molgula griffithsi				x	x
Molgula retortiformis	x		x		
Molgula siphonalis					x
Molgula sp.					x
Pelonaia corrugata					x
Polycitor vitreus					x
Rhizomolgula globularis					x
Styela coriacea				x	x
Styela rustica			x		x
Synoicum pulmonaria	x				x
COELENTERATA:Anthozoa (8 sp.)					
Actinostola spetsbergensis		x		x	x
Drifa glomerata					x
Gersemia rubiformis		x	x	x	
Halcampa arctica			x		x
Hormathia nodosa	x			x	x
Metridium senile					x
Stomphia coccinea			x	x	x
Tealia felina	x	x	x	x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
COELENTERATA:Hydrozoa (36 sp.)					
Calycella syringa	x	x		x	x
Campanularia groenlandica				x	
Campanularia integra	x	x		x	x
Campanularia speciosa	x	x		x	
Campanularia verticillata				x	x
Campanularia volubilis	x			x	x
Coryne pusilla	x				x
Cuspidella humilis					x
Cuspidella procumbens					x
Eudendrium capillare	x				
Eudendrium rameum					x
Eudendrium tenellum	x				
Euphysa sp.	x				
Filellum serpens	x				x
Gonothyraea loveni	x				x
Grammaria abietina		x		x	x
Grammaria immersa					x
Halecium curvicaule	x				x
Halecium minutum	x				x
Halecium muricatum	x			x	x
Halecium speciosum					x
Hydractinia carica					x
Lafoea gracillima	x	x		x	x
Monocoryne gigantea	x				
Myriothela phrygia	x				
Operculatella lacerata					x
Posterula sarsi					x
Sarsia tubulosa		x			
Sertularella polyzonias	x	x			x
Sertularella tricuspidata	x	x		x	
Sertularia robusta					x
Sertularia schmidti	x	x		x	x
Sertularia similis				x	x
Sertularia tenera					x
Tetrapoma quadridentatum	x			x	
Thuiaria thuja				x	x

Table 3. Continued.

	Hudson Strait East	Hudson Strait Central	Hudson Strait West	Foxe Channel	Foxe Basin
ECHINODERMATA:Asteroidea (13 sp.)					
Ctenodiscus crispatus					x
Henricia eschrichti	x	x	x	x	x
Henricia scabrior					x
Leptasterias groenlandica	x		x	x	x
Leptasterias polaris		x			x
Lophaster furcifer					x
Pteraster militaris					x
Pteraster obscurus					x
Pteraster pulvillus					x
Solaster endeca				x	x
Solaster papposus	x	x		x	x
Solaster syrtensis					x
Stephanasterias albula	x			x	x
ECHINODERMATA:Crinoidea (1 sp.)					
Heliometra glacialis		x			x
ECHINODERMATA:Echinoidea (1 sp.)					
Strongylocentrotus droebachiensis	x	x	x	x	x
ECHINODERMATA:Holothuroidea (7 sp.)					
Cucumaria calcigera					x
Cucumaria frondosa	x			x	x
Myriotrochus rinki					x
Psolus fabricii	x	x	x		x
Psolus phantapus					x
Thyonidium sp.				x	x
Holothuroid					x
ECHINODERMATA:Ophiuroidea (9 sp.)					
Amphiura sundevalli					x
Gorgonocephalus arcticus	x	x	x	x	x
Ophiacantha bidentata	x	x		x	x
Ophiocten sericeum		x		x	x
Ophiopholis aculeata	x	x	x	x	x
Ophiopus arcticus		x		x	x
Ophiura robusta	x	x	x	x	x
Ophiura sarsi		x			x
Stegophiura nodosa			x	x	x

Table 3. Continued.

	Hudson Strait East	Hudson Strait Central	Hudson Strait West	Foxe Channel	Foxe Basin
ECTOPROCTA (60 sp.)					
Alcyonidium gelatinosum	x				
Bidenkapia spitzbergensis	x	x			x
Caberea ellisi		x			
Callopora lineata					x
Callopora craticula	x				
Cauloramphus cymbaeformis	x				
Celleporina surcularis	x	x		x	x
Celleporina ventricosa	x			x	
Cheilopora sincera		x			x
Cribrilina annulata					x
Cystisella elegantula	x				
Cystisella saccata	x	x			x
Dendrobeania murrayana					x
Diplosolen obelia					x
Escharella abyssicola		x	x		
Escharella connectens		x		x	
Escharella immersa		x			
Escharella ventricosa					x
Escharoides jacksoni					x
Eucratea loricata	x		x		x
Harmeria scutulata		x			
Hincksina nigrans					x
Hincksipora spinulifera		x			
Hippoporella hippopus					x
Hippoporina propinqua	x				x
Hippoporina reticulatopunctata				x	
Hippothoa hyalina				x	x
Idmonea atlantica		x			x
Lepraliella contigua		x			
Membranipora serrulata		x			x
Membraniporella crassicosta	x				
Microporina articulata	x	x			x
Myriapora subgracila		x			x
Myriozoella plana		x			
Parasmittina jeffreysi	x		x		x
Phidolopora elongata		x			x
Porella acutirostris					x
Porella compressa		x			x
Porella smitti	x				
Posterula sarsi					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
ECTOPROCTA					
Pseudoflustra solida					x
Rhamphostomella bilaminata	x				
Rhamphostomella costata	x				x
Rhamphostomella hincksi					x
Schismopora nodulosa				x	x
Schizomavella auriculata			x		
Schizoporella stylifera					x
Scrupocellaria scabra	x				x
Securiflustra securifrons				x	x
Smittina groenlandica		x			
Smittina rigida		x	x		
Stomachetosella limbata		x			
Stomachetosella sinuosa		x			
Tegella arctica					x
Tegella armifera	x				
Terminoflustra membranaceotruncata				x	x
Tricellaria gracilis		x			
Tricellaria peachi					x
Tricellaria ternata	x			x	x
Umbonula arctica	x			x	x
MOLLUSCA:Amphineura (2 sp.)					
Ischnochiton albus		x	x	x	x
Tonicella marmorea			x		x
MOLLUSCA:Cephalopoda (2 sp.)					
Rossia molleri					x
Rossia palpebrosa		x			
MOLLUSCA:Gastropoda (61 sp.)					
Acmaea rubella					x
Acmaea testudinalis		x	x		
Admete couthouyi					x
Beringius ossiani					x
Boreotrophon clathratus					x
Boreotrophon fabricii	x	x	x	x	x
Boreotrophon truncatus	x		x	x	x
Buccinum cyaneum	x		x		x
Buccinum finmarkianum			x		
Buccinum glaciale			x	x	x
Buccinum hydrophanum				x	x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
MOLLUSCA:Gastropoda					
Buccinum micropoma					x
Buccinum scalariforme					x
Buccinum sericatum					x
Buccinum totteni					x
Buccinum undatum			x		x
Buccinum u. belcheri					x
Capulacmaea radiata	x				x
Cingula arenaria			x		
Colus islandicus					x
Colus pubescens					x
Colus spitzbergensis					x
Colus tortuosus					x
Coryphella salmonacea	x				
Cylichna alba		x	x		x
Cylichna occulta					x
Dendronotus frondosus					x
Diaphana minuta					x
Lacuna glacialis					x
Lepeta caeca					x
Littorina saxatilis		x	x		x
Lunatia pallida	x		x		x
Margarites costalis		x	x		x
Margarites groenlandicus		x			
Margarites helicinus	x	x	x	x	x
Margarites olivaceus			x		x
Margarites umbilicalis	x		x	x	x
Margarites vahli					x
Marsenina glabra				x	
Natica clausa					x
Neptunea despecta					x
Oenopota arctica					x
Oenopota bicarinata		x	x		x
Oenopota sp. (cf. cinerea)		x			
Oenopota declivis					x
Oenopota incisula					x
Oenopota pyramidalis			x		x
Oenopota turricula		x			x
Onchidiopsis glacialis			x		x
Onchidiopsis kingmaruensis					x
Philine lima					x
Puncturella noachina					x

Table 3. Continued.

	Hudson Strait East	Hudson Strait Central	Hudson Strait West	Foxe Channel	Foxe Basin
MOLLUSCA:Gastropoda					
Retusa obtusa			x		
Tachyrhynchus reticulatus	x		x		x
Trichotropis bicarinata					x
Trichotropis borealis					x
Trichotropis conica					x
Velutina plicatilis					x
Velutina undata					x
Velutina velutina	x			x	x
Volutopsius norvegicus					x
MOLLUSCA:Pelecypoda (32 sp.)					
Astarte borealis	x	x	x	x	x
Astarte montagui		x	x	x	x
Axinopsida orbiculata			x		x
Chlamys islandica		x	x		
Clinocardium ciliatum			x		x
Crenella faba	x	x	x	x	x
Cyclocardia borealis			x		
Cyrtodaria kurriana			x		
Hiatella arctica		x	x	x	x
Lyonsia arenosa					x
Macoma calcarea		x	x	x	x
Macoma loveni					x
Macoma moesta					x
Macoma torelli		x			x
Musculus corrugatus					x
Musculus discors	x		x	x	x
Musculus niger				x	x
Mya arenaria	x				
Mya pseudoarenaria			x		
Mya truncata		x	x		x
Mytilus edulis		x	x		
Nucula belloti			x		x
Nuculana minuta			x	x	x
Nuculana pernula (buccata)			x		
Nuculana pernula				x	x
Pandora glacialis					x
Pecten groenlandicus					x
Portlandia arctica					x
Portlandia lenticula					x
Serripes groenlandicus				x	x
Thyasira gouldi		x	x	x	x
Yoldia h. hyperborea					x

Table 3. Continued.

	Hudson Strait			Foxe Channel	Foxe Basin
	East	Central	West		
NEMERTINA (1 sp.)					
Nemertean			x		x
PORIFERA (11 sp.)					
Grayella pyrula		x			
Halichondria disparilis	x				
Halichondria sitiens		x			
Haliclona ventilabrum		x			
Isodictya palmata					x
Mycale lingua		x			
Myxilla incrustans		x			
Myxilla sp.		x			
Stelodoryx pluridentata		x			
Calcareous sponge					x
Sponge				x	x
PRIAPULIDA (2 sp.)					
Halicryptus spinulosus			x		
Priapulus caudatus		x	x		x
SIPUNCULA (4 sp.)					
Golfingia eremita		x			
Golfingia margaritacea		x			x
Phascolion strombi				x	
Sipunculan					x
T O T A L (541 sp.)	144	142	145	120	407

Table 4. Benthic invertebrates collected by hand from station 123, 10 Aug 1949.

Species
ANNELIDA:Polychaeta
Nereis pelagica
ARTHROPODA:Cirripedia
Balanus balanoides

Table 5. Benthic invertebrates collected by net from station 123B, 10 Aug 1949.

Species
ARTHROPODA:Amphipoda
Apherusa megalops (as *Halirages*)
Boeckosimus edwardsi (as *Onisimus*)
Ischyrocerus anguipes
Metopella carinata
Orchomene minuta (as *Orchomenella*)
Orchomene pinguis (as *Orchomenella*)
Parapleustes bicuspis
Paroediceros lynceus
Pontogeneia inermis
Westwoodilla brevicalcar
Weyprechtia pinguis
ARTHROPODA:Decapoda
Eualus fabricii
Lebbeus polaris
MOLLUSCA:Pelecypoda
Astarte borealis

Table 6. Benthic invertebrates collected by dredge from station 225, 12 Aug 1950.

Species
ANNELIDA:Polychaeta
Harmothoe extenuata (as Lagisca rarispina)
Nereis pelagica
Sabella crassicornis (as S. fabricii)
ARTHROPODA:Amphipoda
Anonyx nugax
Apherusa megalops (as Halirages)
Socarnes vahli
CHORDATA:Ascidiacea
Ascidia callosa
Boltenia ovifera
Synoicum pulmonaria
COELENTERATA:Hydrozoa
Calycella syringa
Campanularia integra
Campanularia speciosa
Campanularia volubilis
Eudendrium tenellum
Lafoea gracillima
Sertularella tricuspidata
ECHINODERMATA:Asteroidea
Stephanasterias albula
ECHINODERMATA:Ophiuroidea
Ophiura robusta
ECTOPROCTA
Eucratea loricata
Hippoporina propinqua
Microporina articulata
Porella smitti
Scrupocellaria scabra
Tricellaria ternata
MOLLUSCA:Gastropoda
Lunatia pallida
Margarites helicinus
Velutina velutina
MOLLUSCA:Pelecypoda
Crenella faba
Musculus discors (f. laevigatus)

Table 7. Benthic invertebrates collected by dredge from station 226, 13 Aug 1950.

Species	Species
ANNELIDA:Polychaeta	ARTHROPODA:Decapoda
Amphitrite cirrata	Eualus fabricii
Autolytus prolifer	Hyas coarctatus
Eusyllis blomstrandi	Lebbeus groenlandicus
Harmothoe extenuata (as Lagisca rarispina)	Lebbeus polaris
Harmothoe imbricata	Pagurus pubescens (as Eupagurus kroyeri)
Harmothoe nodosa (as Eunoe)	Spirontocaris spinus
Nereis pelagica	
Onuphis conchylega	ARTHROPODA:Isopoda
Stauronereis caecus	Janira tricornis
Thelepus cincinnatus	
	ARTHROPODA:Pycnogonida
ARTHROPODA:Amphipoda	Nymphon brevitarse
Amphithopsis longicaudata	
Aristias tumidus	BRACHIOPODA
Dyopedos porrectus (as Dulichia)	Hemithyris psittacea
Eurysteus melanops	
Ischyrocerus anguipes	CHORDATA:Ascidiacea
Ischyrocerus commensalis	Ascidia callosa
Ischyrocerus latipes	Boltenia echinata
Ischyrocerus magalops	Boltenia ovifera
Mesometopa neglecta (as Metopella)	Distaplia clavata
Metopa alderi	Molgula retortiformis
Metopa bruzelii	Synoicum pulmonaria
Metopa glacialis (as M. cariana)	
Metopa hearni	COELENTERATA:Anthozoa
Metopa invalida	Hormathia nodosa
Metopa longicornis	Tealia felina
Metopa propinqua	
Metopa sinuata	COELENTERATA:Hydrozoa
Metopella longimana	Calycella syringa
Neopleustes boecki (as Parapleustes)	Campanularia speciosa
Neopleustes pulchellus (as Parapleustes)	Campanularia volubilis
Odius carinatus	Coryne pusilla
Orchomene groenlandica (as Orchomenella)	Eudendrium capillare
Orchomene macroserrata	Euphysa sp.
Parapleustes assimilis	Filellum serpens
Pleusymtes buttoni (as Sympleustes)	Gonothyraea loveni
Pleusymtes glabroides (as Sympleustes)	Halecium curvicaule
Socarnes vahli	Halecium minutum
Stenothoe brevicornis (var. canadensis)	Halecium muricatum
Stenula nordmanni (as Metopa)	Lafoea gracillima
Stenula sp.	Monocoryne gigantea

Table 7. Continued.

Species	Species
COELENTERATA:Hydrozoa	MOLLUSCA:Gastropoda
Myriothela phrygia	Boreotrophon fabricii
Sertularella polyzonias	Boreotrophon truncatus
Sertularella tricuspidata	Capulacmaea radiata
Sertularia schmidti	Coryphella salmonacea
Tetrapoma quadridentatum	Tachyrhynchus reticulatus
Thuiaria carica	
	MOLLUSCA:Pelecypoda
ECHINODERMATA:Asteroidea	Musculus discors (f. laevigatus & substriatus)
Henricia eschrichti	
Leptasterias groenlandica	PORIFERA
	Halichondria disparilis
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA:Holothuroidea	
Psolus fabricii	
ECHINODERMATA:Ophiuroidea	
Gorgonocephalus arcticus	
Ophiacantha bidentata	
Ophiopholis aculeata	
ECTOPROCTA	
Alcyonidium gelatinosum	
Bidenkapia spitzbergensis	
Callopora craticula	
Cauloramphus cymbaeformis	
Celleporina surcularis	
Celleporina ventricosa	
Cystisella elegantula	
Cystisella saccata	
Hippoporina propinqua	
Membraniporella crassicosta	
Parasmittina jeffreysi	
Porella smitti	
Rhamphostomella bilaminata	
Rhamphostomella costata	
Tegella armifera	
Umbonula arctica	

Table 8. Benthic invertebrates collected by hand from station 227, 13 Aug 1950.

Species
ARTHROPODA:Amphipoda
Gammarus setosus

Table 9. Benthic invertebrates collected by net from station 227B, 13 Aug 1950.

Species
ARTHROPODA:Decapoda
Eualus gaimardi belcheri

Table 10. Benthic invertebrates collected by net and from cod, *Gadus morhua* (as *G. callarias*) from station 238, 1-8 Sep 1950.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Asteroidea
Gammarellus homari	*Solaster papposus*
Pleustes panoplus	
	ECHINODERMATA:Holothuroidea
ARTHROPODA:Decapoda	*Cucumaria frondosa* (as *C. japonica*)
Eualus fabricii	*Psolus fabricii*
Eualus gaimardi	
Lebbeus groenlandicus	MOLLUSCA:Gastropoda
Lebbeus polaris	*Boreotrophon truncatus*
Pasiphaea tarda	*Buccinum cyaneum*
Sergestes arcticus	*Margarites helicinus*
	Margarites umbilicalis
ARTHROPODA:Isopoda	
Aega psora	MOLLUSCA:Pelecypoda
	Mya arenaria
CHORDATA:Ascidiacea	
Boltenia ovifera	

Table 11. Benthic invertebrates collected by dredge from station 208, 20 Jul 1950.

Species
ANNELIDA:Polychaeta
Chone infundibuliformis
Harmothoe extenuata (as Lagisca rarispina)
Harmothoe nodosa (as Eunoe)
Nereis pelagica
Thelepus cincinnatus
ARTHROPODA:Amphipoda
Arctopleustes glabricauda (as Parapleustes)
Ischyrocerus megalops
Neopleustes boecki (as Parapleustes)
ARTHROPODA:Decapoda
Eualus fabricii
Hyas coarctatus
Lebbeus groenlandicus
Lebbeus polaris
Pandalus montagui
Spirontocaris phippsi
Spirontocaris spinus
ARTHROPODA:Isopoda
Arcturus baffini
Bopyroides hippolytes
BRACHIOPODA
Hemithyris psittacea
CHORDATA:Ascidiacea
Ascidia sp.
Boltenia echinata
Boltenia ovifera
COELENTERATA:Hydrozoa
Lafoea gracillima
Sertularella polyzonias
ECHINODERMATA:Asteroidea
Henricia eschrichti
Leptasterias polaris (as Asterias)
Solaster papposus
ECHINODERMATA:Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA:Ophiuroidea
Ophiopholis aculeata
Ophiura robusta
ECTOPROCTA
Celleporina surcularis
Escharella abyssicola
Escharella immersa
Harmeria scutulata
Hincksipora spinulifera
Lepraliella contigua
Myriozoella plana
Smittina groenlandica
Stomachetosella limbata
Stomachetosella sinuosa
MOLLUSCA:Amphineura
Ischnochiton albus (as Lophyrochiton)
MOLLUSCA:Gastropoda
Boreotrophon fabricii
MOLLUSCA:Pelecypoda
Chlamys islandica
Hiatella arctica
Mya truncata
SIPUNCULA
Golfingia eremita

Table 12. Benthic invertebrates collected by hand from station 208B, 21 Jul 1950.

Species
ARTHROPODA:Amphipoda
Gammarus oceanicus
Gammarus setosus
MOLLUSCA:Gastropoda
Littorina saxatilis
MOLLUSCA:Pelecypoda
Mytilus edulis

Table 13. Benthic invertebrates collected by dredge from station 210, 21 Jul 1950.

Species	Species
ANNELIDA:Polychaeta	COELENTERATA:Hydrozoa
Harmothoe extenuata (as Lagisca rarispina)	Campanularia speciosa
Harmothoe imbricata	Grammaria abietina
Harmothoe nodosa (as Eunoe)	Lafoea gracillima
Nereis pelagica	Sarsia tubulosa
Ophelia limacina	Sertularella polyzonias
Thelepus cincinnatus	Sertularella tricuspidata
ARTHROPODA:Amphipoda	ECHINODERMATA:Asteroidea
Ischyrocerus anguipes	Leptasterias polaris (as Asterias polaris)
Ischyrocerus latipes	ECHINODERMATA:Echinoidea
Mesometopa neglecta (as Metopella)	Strongylocentrotus droebachiensis
Metopa bruzelii	ECHINODERMATA:Holothuroidea
Metopa hearni	Psolus fabricii
Metopa sinuata	ECHINODERMATA:Ophiuroidea
Metopella longimana	Gorgonocephalus arcticus
Stenula nordmanni (as Metopa)	Ophiopholis aculeata
ARTHROPODA:Decapoda	Ophiura robusta
Eualus fabricii	ECTOPROCTA
Hyas coarctatus	Celleporina surcularis
Lebbeus groenlandicus	Myriapora subgracila
Lebbeus polaris	Porella compressa
Spirontocaris phippsi	Smittina rigida
Spirontocaris spinus	MOLLUSCA:Gastropoda
BRACHIOPODA	Boreotrophon fabricii
Hemithyris psittacea	MOLLUSCA:Pelecypoda
CHORDATA:Ascidiacea	Astarte montagui (f. striata)
Ascidia callosa	Chlamys islandica
Boltenia echinata	Hiatella arctica
Boltenia ovifera	PORIFERA
Halocynthia pyriformis	Halichondria sitiens
COELENTERATA:Anthozoa	Mycale linga
Gersemia rubiformis	SIPUNCULA
Tealia felina	Golfingia margaritacea

Table 14. Benthic invertebrates collected by hand from station 212, 21 Jul 1950.

Species
ARTHROPODA:Amphipoda
Gammarus oceanicus (as G. zaddachi oceanicus)
Gammarus setosus
MOLLUSCA:Gastropoda
Littorina saxatilis
MOLLUSCA:Pelecypoda
Mytilus edulis

Table 15. Benthic invertebrates collected by line and net from station 212B, 21 Jul 1950.

Species
ANNELIDA:Polychaeta
Lumbrineris fragilis (as Lumbrinereis)
ARTHROPODA:Amphipoda
Boeckosimus edwardsi (as Onisimus edwardsi)
Orchomene pinguis (as Orchomenella)
ARTHROPODA:Decapoda
Argis dentata
Hyas coarctatus
Lebbeus groenlandicus
ECTOPROCTA
Cheilopora sincera
MOLLUSCA:Pelecypoda
Astarte borealis (f. arctica)
Astarte montagui (f. striata)

Table 16. Benthic invertebrates collected by hand from station 215, 24 Jul 1950.

Species
ARTHROPODA:Amphipoda
Gammarus setosus
Onisimus litoralis (as Pseudalibrotus littoralis)
ARTHROPODA:Decapoda
Hyas coarctatus
MOLLUSCA:Gastropoda
Cylichna alba
Littorina saxatilis
MOLLUSCA:Pelecypoda
Crenella faba
Mya truncata
Mytilus edulis

Table 17. Benthic invertebrates collected by dredge from station 216, 24 Jul 1950.

Species	Species
ANNELIDA:Polychaeta	ARTHROPODA:Decapoda
Ammotrypane aulogaster	Hyas coarctatus
Axiothella catenata	Lebbeus groenlandicus
Eteone longa	Lebbeus polaris
Scalibregma inflatum	
Scoloplos armiger	MOLLUSCA:Gastropoda
	Margarites costalis
ARTHROPODA:Amphipoda	Margarites groenlandicus
Ampelisca eschrichti	Oenopota bicarinata
Anonyx lilljeborgi (as A. nugax)	Oenopota turricula
Boeckosimus plautus (as Onisimus)	
Opisa eschrichti	MOLLUSCA:Pelecypoda
Orchomene minuta (as Orchomenella)	Astarte borealis
Orchomene pinguis (as Orchomenella)	Astarte montagui (f. striata)
Pleustes panoplus	Macoma calcarea
	Macoma torelli
	Thyasira gouldi
	PRIAPULIDA
	Priapulus caudatus

Table 18. Benthic invertebrates collected by hand from station 217, 30 Jul 1950.

Species
ARTHROPODA:Amphipoda
Anonyx nugax
Gammarus oceanicus (as *G. zaddachi oceanicus*)
Gammarus setosus
Onisimus litoralis (as *Pseudalibrotus littoralis*)
Orchomene minuta (as *Orchomenella*)
MOLLUSCA:Gastropoda
Acmaea testudinalis
Oenopota sp. (cf. *cinerea*)
MOLLUSCA:Pelecypoda
Crenella faba
Mya truncata (f. typica)
Mytilus edulis

Table 19. Benthic invertebrates collected by line from station 217B, 30 Jul 1950.

Species
ANNELIDA:Polychaeta
Nereis pelagica
Ophelia limacina
Pholoe minuta
Spirorbis spirillum
MOLLUSCA:Gastropoda
Margarites helicinus
MOLLUSCA:Pelecypoda
Hiatella arctica

Table 20. Benthic invertebrates collected by net from station 221, 4 Aug 1950.

Species
ARTHROPODA:Amphipoda
Onisimus glacialis (as *Pseudalibrotus*)
Paramphithoe hystrix
COELENTERATA:Anthozoa
Actinostola spetsbergensis
COELENTERATA:Hydrozoa
Calycella syringa
Campanularia integra
Lafoea gracillima
Sertularia schmidti
ECTOPROCTA
Bidenkapia spitzbergensis
Caberea ellisi
Celleporina surcularis
Cheilopora sincera
Cystisella saccata
Escharella connectens
Idmonea atlantica
Membranipora serrulata
Microporina articulata
Myriapora subgracila
Phidolopora elongata
Tricellaria gracilis
MOLLUSCA:Cephalopoda
Rossia palpebrosa

Table 21. Benthic invertebrates collected by dredge from station 222, 3 Aug 1950.

Species	Species
ANNELIDA:Polychaeta	PORIFERA
Eteone longa	Grayella pyrula
Lumbrineris fragilis (as Lumbrinereis)	Haliclona ventilabrum
Nephtys ciliata (as Nephthys)	Mycale lingua
Nicomache lumbricalis	Myxilla incrustans
Thelepus cincinnatus	Myxilla sp.
	Stelodoryx pluridentata
ARTHROPODA:Decapoda	
Argis dentata	
Eualus fabricii	
Lebbeus groenlandicus	
Lebbeus polaris	
Sabinea septemcarinata	
Sclerocrangon boreas	
Spirontocaris phippsi	
Spirontocaris spinus	
ARTHROPODA:Isopoda	
Janira tricornis	
BRACHIOPODA	
Hemithyris psittacea	
ECHINODERMATA:Asteroidea	
Solaster papposus	
ECHINODERMATA:Crinoidea	
Heliometra glacialis	
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA:Ophiuroidea	
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopus arcticus	
Ophiura robusta	
Ophiura sarsi	
MOLLUSCA:Gastropoda	
Oenopota bicarinata	

Table 22. Benthic invertebrates collected by hand from station 309, 28 Jul 1951.

Species
ARTHROPODA:Cirripedia
Balanus balanoides
MOLLUSCA:Gastropoda
Littorina saxatillis

Table 23. Benthic invertebrates collected by hand from station 528, 9 Aug 1953.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Pelecypoda
Eurysteus melanops	Astarte borealis
Gammarus oceanicus	Crenella faba
Gammarus setosus	Mytilus edulis
Onisimus litoralis (as Pseudalibrotus)	Nuculana pernula (buccata)
Orchomene minuta (as Orchomenella)	
COELENTERATA:Anthozoa	
Tealia felina	

Table 24. Benthic invertebrates collected by hand from station 532, 12 Aug 1953.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
Gammarus oceanicus	Littorina saxatilis
Gammarus setosus	MOLLUSCA:Pelecypoda
ARTHROPODA:Cirripedia	Mya truncata
Balanus balanoides	

Table 25. Benthic invertebrates collected by anchor from station 532B, 12 Aug 1953.

Species
ARTHROPODA:Decapoda
Spirontocaris spinus

Table 26. Benthic invertebrates collected by anchor and jig from station 533, 14 Aug 1953.

Species
ECHINODERMATA:Asteroidea
Leptasterias groenlandica
MOLLUSCA:Gastropoda
Margarites costalis
Margarites olivaceus
Margarites umbilicalis
MOLLUSCA:Pelecypoda
Astarte montagui (f. fabula)
Musculus discors (f. laevigatus)
Mya truncata

Table 27. Benthic invertebrates collected by anchor and jig from station 534, 15 Aug 1953.

Species
ARTHROPODA:Amphipoda
Anonyx lilljeborgi
Orchomene minuta (as Orchomenella)
Socarnes bidenticulatus
CHORDATA:Ascidiacea
Molgula retortiformis
MOLLUSCA:Pelecypoda
Mya truncata

Table 28. Benthic invertebrates collected by hand from station 534B, 16 Aug 1953.

Species
ARTHROPODA:Amphipoda
Gammarus oceanicus
Gammarus setosus
Onisimus litoralis (as Pseudalibrotus)
ARTHROPODA:Cirripedia
Balanus balanoides
MOLLUSCA:Gastropoda
Littorina saxatilis
MOLLUSCA:Pelecypoda
Astarte montagui (f. striata)
Crenella faba

Table 29. Benthic invertebrates collected by line from station 534C, 26 Aug 1953.

Species
ARTHROPODA:Amphipoda
Caprella septentrionalis
Halirages nilssoni
Orchomene macroserrata
ECHINODERMATA:Holothuroidea
Psolus fabricii
MOLLUSCA:Pelecypoda
Astarte borealis

Table 30. Benthic invertebrates collected by hand from station 621, 22 Mar 1954.

Species
ANNELIDA:Oligochaeta
Oligochaetes
ANNELIDA:Polychaeta
Fabricia sabella
ARTHROPODA:Amphipoda
Gammarus oceanicus
Gammarus setosus
Metopelloides micropalma
ARTHROPODA:Cirripedia
Balanus balanoides

Table 31. Benthic invertebrates collected by dredge from station 622, 16 Jul and 18 Aug 1954.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
* Anonyx nugax (+ var. spinosus)	Buccinum cyaneum
Halirages fulvocinctus	Margarites helicinus
Halirages nilssoni	Margarites umbilicalis
Pontogeneia inermis	
	MOLLUSCA:Pelecypoda
ARTHROPODA:Decapoda	Hiatella arctica
Lebbeus groenlandicus	Macoma calcarea
Lebbeus polaris	Musculus discors (f. laevigatus)
	Mya truncata (f. uddevalensis)
ECHINODERMATA:Ophiuroidea	
Stegophiura nodosa	* Anonyx laticoxae
MOLLUSCA:Amphineura	
Tonicella marmorea	

Table 32. Benthic invertebrates collected by hand from station 622B, 17 Jul, 17 Aug, and 29 Sep 1954.

Species	Species
ANNELIDA:Polychaeta	MOLLUSCA:Gastropoda
Travisia forbesi	Buccinum cyaneum
	Buccinum glaciale
ARTHROPODA:Amphipoda	Cylichna alba
Gammarus setosus	Littorina saxatilis
Orchomene minuta (as Orchomenella)	Lunatia pallida
Orchomene pinguis (as Orchomenella)	Margarites helicinus
Paroediceros lynceus	Oenopota bicarinata
Weyprechtia pinguis	
	MOLLUSCA:Pelecypoda
ARTHROPODA:Cirripedia	Crenella faba
Balanus balanoides	Cyrtodaria kurriana
	Mya truncata (f. uddevalensis)
ARTHROPODA:Isopoda	
Mesidotea sabini	PRIAPULIDA
	Priapulus caudatus
COELENTERATA:Anthozoa	
Halcampa arctica	
Tealia felina	

Table 33. Benthic invertebrates collected by hand from station 624, 27, 28 May 1954.

Species
ARTHROPODA:Oligochaeta
Oligochaetes
ANNELIDA:Polychaeta
Arenicola marina
Fabricia sabella
Harmothoe imbricata
ARTHROPODA:Amphipoda
Gammarus oceanicus
Gammarus setosus
ARTHROPODA:Cirripedia
Balanus balanoides
ASCHELMINTHES:Nematoda
Nematodes
MOLLUSCA:Gastropoda
Littorina saxatilis
Margarites helicinus
Onchidiopsis glacialis
MOLLUSCA:Pelecypoda
Crenella faba
NEMERTINA
Nemerteans
PRIAPULIDA
Priapulus caudatus

Table 34. Benthic invertebrates collected by hand from station 625, 26, 28 jun; 3-5 Jul 1954.

Species
ANNELIDA:Oligochaeta
Oligochaetes
ANNELIDA:Polychaeta
Eteone longa
Fabricia sabella
Harmothoe imbricata
ARTHROPODA:Acarina
Mites
ARTHROPODA:Amphipoda
Calliopius laeviusculus
Gammarus oceanicus
Gammarus setosus
Metopa borealis
Onisimus litoralis (as Pseudalibrotus)
Pontogeneia inermis
Weyprechtia pinguis
ARTHROPODA:Cirripedia
Balanus balanoides
Balanus crenatus
COELENTERATA:Anthozoa
Tealia felina
ECHINODERMATA:Holothuroidea
Psolus fabricii
ECTOPROCTA
Eucratea loricata
MOLLUSCA: Gastropoda
Acmaea testudinalis
Cingula arenaria
Cylichna alba
Margarites helicinus
Margarites umbilicalis
MOLLUSCA:Pelecypoda
Crenella faba
Hiatella arctica
NEMERTINA
Nemerteans

Table 35. Benthic invertebrates collected by dredge from station 632, 7 Aug 1954.

Species
ARTHROPODA:Decapoda
Lebbeus polaris

Table 36. Benthic invertebrates collected by hand from station 632B, 9 Aug 1954.

Species
ARTHROPODA:Amphipoda
Gammarus setosus
Onisimus litoralis (as *Pseudalibrotus*)
ARTHROPODA:Cirripedia
Balanus balanoides
COELENTERATA:Anthozoa
Halcampa arctica
Tealia felina
MOLLUSCA:Gastropoda
Littorina saxatilis
Margarites sp.
PRIAPULIDA
Halicryptus spinulosus
Priapulus caudatus

Table 37. Benthic invertebrates collected by hand from station 706, 8 Aug 1955.

Species	Species
ANNELIDA:Oligochaeta Oligochaetes	ASCHELMINTHES:Nematoda Nematodes
ANNELIDA:Polychaeta Tubed polychaetes	MOLLUSCA:Gastropoda *Acmaea testudinalis*
ARTHROPODA:Acarina Mites	MOLLUSCA:Pelecypoda *Mytilus edulis*
ARTHROPODA:Amphipoda *Apherusa glacialis* *Calliopius laeviusculus* *Gammarus oceanicus* *Gammarus setosus* *Onisimus litoralis* (as *Pseudalibrotus*)	
ARTHROPODA:Cirripedia *Balanus balanoides*	

Table 38. Benthic invertebrates collected by dredge from station 58-20, 6 Sep 1958.

Species
ARTHROPODA:Amphipoda *Pontogeneia inermis*
ARTHROPODA:Decapoda *Eualus fabricii* *Eualus gaimardi* *Lebbeus groenlandicus* *Lebbeus polaris* *Spirontocaris phippsi*
MOLLUSCA:Gastropoda *Margarites costalis*

Table 39. Benthic invertebrates collected by dredge from station 58-21, 6 Sep 1958.

Species	Species
ANNELIDA:Polychaeta	ECHINODERMATA:Ophiuroidea
Chone sp.	Gorgonocephalus arcticus
Eusyllis blomstrandi	Ophiopholis aculeata
Lanassa venusta	Ophiura robusta
Thelepus cincinnatus	
	ECTOPROCTA
ARTHROPODA:Amphipoda	Escharella abyssicola
Anonyx nugax	Parasmittina jeffreysi
Eusirus cuspidatus	Schizomavella auriculata
	Smittina rigida
ARTHROPODA:Cirripedia	
Balanus balanoides	MOLLUSCA:Amphineura
Balanus balanus	Ischnochiton albus (as Lophyrochiton)
Balanus crenatus	
	MOLLUSCA:Gastropoda
ARTHROPODA:Cumacea	Boreotrophon fabricii
Cumella sp.	Boreotrophon truncatus
Platyaspis typica	Buccinum glaciale
	Buccinum undatum
ARTHROPODA:Decapoda	
Eualus gaimardi	MOLLUSCA:Pelecypoda
Hyas coarctatus	Astarte montagui (f. warhami)
Lebbeus polaris	Chlamys islandica
Sclerocrangon boreas	Cyclocardia borealis (as Venericardia)
Spirontocaris spinus	
	Hiatella arctica
BRACHIOPODA	Musculus discors (f. laevigatus & substriatus)
Atretia gnomon	
Hemithyris psittacea	Nuculana minuta
CHORDATA:Ascidiacea	
Boltenia ovifera	
COELENTERATA:Anthozoa	
Gersemia rubiformis	
Stomphia coccinea	
ECHINODERMATA:Asteroidea	
Henricia eschrichti	
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA:Holothuroidea	
Psolus fabricii	

Table 40. Benthic invertebrates collected by hand from station 60-1215, 11 Aug 1960.

Species
ARTHROPODA:Amphipoda
Boeckosimus affinis
Gammarus setosus
Onisimus litoralis

Table 41. Benthic invertebrates collected by net from station 60-1216B, 12 Aug 1960.

Species
MOLLUSCA:Gastropoda
Buccinum finmarkianum
PRIAPULIDA
Priapulus caudatus

Table 42. Benthic invertebrates collected by grab from stations in Deception Bay, 26 Jul 1970.

Species	Species
ANNELIDA:Polychaeta	CHORDATA:Ascidiacea
Ammotrypane breviata	Styela rustica
Ampharete acutifrons	
Ampharete goesi	MOLLUSCA:Amphineura
Aricidea suecica	Tonicella marmorea
Asabellides sibirica	
Capitella capitata	MOLLUSCA:Gastropoda
Chaetozone setosa	Acmaea testudinalis
Ephesiella minuta	Margarites costalis
Eteone longa	Margarites helicinus
Euchone papillosa	Oenopota bicarinata
Exogone verugera	Oenopota pyramidalis
Harmothoe imbricata	Retusa obtusa
Lumbrineris fragilis	Tachyrhynchus reticulatus
Lysippe labiata	
Micronephthys minuta	MOLLUSCA:Pelecypoda
Nereimyra aphroditoides	Astarte borealis
Nereis sp.	Astarte montagui (f. warhami)
Nicolea zostericola	Axinopsida orbiculata
Paraonis sp.	Chlamys islandica
Pectinaria granulata	Clinocardium ciliatum
Pholoe minuta	Crenella faba
Phyllodoce mucosa	Hiatella arctica
Polycirrus medusa	Macoma calcarea
Polydora caulleryi	Musculus discors
Praxillella praetermissa	Mya pseudoarenaria
Prionospio cirrifera	Mytilus edulis
Sabellides octocirrata	Nucula belloti
Scalibregma inflatum	Serripes groenlandicus
Scoloplos armiger	Thyasira gouldi
Tharyx acutus	
ARTHROPODA:Nebaliacea	
Nebalia bipes	
ARTHROPODA:Ostracoda	
Philomedes globosus	
ASCHELMINTHES:Nematoda	
Nematodes	

Table 43. Benthic invertebrates collected by plankton net from station 541, 27 Aug 1953.

Species
ARTHROPODA:Amphipoda
Onisimus nanseni (as *Pseudalibrotus*)
ARTHROPODA:Cumacea
Campylaspis rubicunda

Table 44. Benthic invertebrates collected by dredge from station 542, 27 Aug 1953.

Species	Species
ANNELIDA:Polychaeta	ECHINODERMATA:Ophiuroidea
Chitinopoma fabricii	Ophiacantha bidentata
Pectinaria hyperborea	Ophiocten sericeum
Pholoe minuta	Ophiopus arcticus
	Ophiura robusta
ARTHROPODA:Acarina	Stegophiura nodosa
Mites	
	ECTOPROCTA
ARTHROPODA:Amphipoda	Celleporina surcularis
Acanthonotozoma serratum	
Aeginina longicornis	MOLLUSCA:Gastropoda
Anonyx nugax	Margarites helicinus
Caprella septentrionalis	
Halirages fulvocinctus	MOLLUSCA:Pelecypoda
Parapleustes bicuspis	Astarte borealis (f. typica)
Socarnes bidenticulatus	Astarte montagui (f. striata & warhami)
Tryphosa marina	
	Crenella faba
ARTHROPODA:Cirripedia	Macoma calcarea
Balanus balanus	Musculus discors (f. laevigatus)
	Musculus niger
ARTHROPODA:Decapoda	Nuculana minuta
Lebbeus groenlandicus	Nuculana pernula
ARTHROPODA:Isopoda	SIPUNCULA
Mesidotea sabini	Phascolion strombi
ASCHELMINTES:Nematoda	
Nematodes	
CHORDATA:Ascidiacea	
Aplidium glabrum	
Chelyosoma macleayanum	
Styela coriacea	
COELENTERATA:Anthozoa	
Actinostola spetsbergensis	
ECHINODERMATA:Asteroidea	
Leptasterias groenlandica	

Table 45. Benthic invertebrates collected by hand from station 5428, 28 Aug 1953.

Species
ANNELIDA:Oligochaeta
Oligochaetes
ANNELIDA:Polychaeta
Polychaetes
ARTHROPODA:Amphipoda
Gammarus setosus
Onisimus litoralis (as *Pseudalibrotus*)
ARTHROPODA:Cirripedia
Balanus balanoides
ASCHELMINTHES:Nematoda
Nematodes
MOLLUSCA:Gastropoda
Buccinum glaciale (cf. *hancocki*)

Table 46. Benthic invertebrates collected by dredge from station 547, 3 Sep 1953.

Species	Species
ANNELIDA:Polychaeta	COELENTERATA:Anthozoa
Chone sp.	Gersemia rubiformis
Syllis cornuta	Hormathia nodosa
	Stomphia coccinea
ARTHROPODA:Amphipoda	Tealia felina
Aeginina longicornis	
Caprella septentrionalis	COELENTERATA:Hydrozoa
Ericthonius tolli	Calycella syringa
Ischyrocerus anguipes	Campanularia groenlandica
Ischyrocerus megacheir	Campanularia integra
Mesometopa neglecta (as Metopella)	Campanularia speciosa
Metopa bruzelii	Campanularia verticillata
Metopa norvegica	Campanularia volubilis
Metopa propinqua	Grammaria abietina
Metopa robusta	Halecium muricatum
Metopa sinuata	Lafoea gracillima
Metopella longimana	Sertularella tricuspidata
Paramphithoe hystrix	Sertularia schmidti
Parapleustes assimilis	Sertularia similis
	Tetrapoma quadridentatum
ARTHROPODA:Cirripedia	Thuiaria thuja
Balanus balanus	
Scalpellum cornutum	ECHINODERMATA:Asteroidea
	Henricia eschrichti
ARTHROPODA:Decapoda	Leptasterias groenlandica
Argis dentata	Solaster endeca
Lebbeus groenlandicus	Solaster papposus
Lebbeus polaris	Stephanasterias albula
Sabinea septemcarinata	
Spirontocaris phippsi	ECHINODERMATA:Echinoidea
Spirontocaris spinus	Strongylocentrotus droebachiensis
ARTHROPODA:Isopoda	ECHINODERMATA:Holothuroidea
Janira tricornis	Cucumaria frondosa
	Thyonidium sp.
BRACHIOPODA	
Hemithyris psittacea	ECHINODERMATA:Ophiuroidea
	Gorgonocephalus arcticus
CHORDATA:Ascidiacea	Ophiacantha bidentata
Boltenia ovifera	Ophiopholis aculeata
Dendrodoa aggregata	Ophiopus arcticus
Didemnum albidum	Ophiura robusta
Distaplia clavata	
Halocynthia pyriformis	
Molgula griffithsi	

Table 46. Continued.

Species
ECTOPROCTA
Celleporina surcularis
Celleporina ventricosa
Escharella connectens
Hippoporina reticulatopunctata
Hippothoa hyalina
Schizmopora nodulosa
Securiflustra securifrons
Terminoflustra membranaceotruncata
Tricellaria ternata
Umbonula arctica
MOLLUSCA:Amphineura
Ischnochiton albus (as Lophyrochiton)
MOLLUSCA:Gastropoda
Boreotrophon fabricii
Boreotrophon truncatus
Buccinum glaciale (cf. hancocki)
Buccinum hydrophanum
Margarites umbilicalis
Marsenina glabra
Velutina velutina
MOLLUSCA:Pelecypoda
Astarte borealis
Astarte montagui (f. warhami & striata)
Crenella faba
Hiatella arctica
Musculus discors (f. substriatus)
Thyasira gouldi
PORIFERA
Sponges

Table 47. Benthic intertebrates collected by hand and dredge from station 710, 8 Sep 1955.

Species
ANNELIDA:Polychaeta
Pygospio elegans
ARTHROPODA:Amphipoda
Apherusa megalops (as Halirages)
Atylus carinatus
Gammarus oceanicus
Gammarus setosus
Monoculodes borealis
Monoculodes latimanus
Monoculopsis longicornis
Onisimus litoralis (as Pseudalibrotus)
Orchomene minuta (as Orchomenella)
Paroediceros lynceus
Pontogeneia inermis
Weyprechtia pinguis
ARTHROPODA:Cirripedia
Balanus balanoides
Balanus balanus
ARTHROPODA:Isopoda
Mesidotea sabini
COELENTERATA:Anthozoa
Halcampa arctica ?
Tealia felina
MOLLUSCA:Gastropoda
Cylichna occulta
Margarites helicinus
Margarites umbilicalis
MOLLUSCA:Pelecypoda
Astarte borealis
Crenella faba
Hiatella arctica
Musculus discors (f. laevigatus & substriatus)
Mya truncata
Serripes groenlandicus

Table 48. Benthic intertebrates collected by dredge from station 711, 8 Sep 1955.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Ophiuroidea
Ericthonius tolli	Amphiura sundevalli
Onisimus litoralis (as Pseudalibrotus)	Ophiacantha bidentata
Paramphithoe hystrix	Ophiocten sericeum
Stegocephalus inflatus	Ophiopus arcticus
	Ophiura sarsi
ARTHROPODA:Cirripedia	
Balanus balanus	MOLLUSCA:Gastropoda
Balanus crenatus	Admete couthouyi
	Boreotrophon fabricii
ARTHROPODA:Cumacea	Buccinum hydrophanum
Diastylis goodsiri	Buccinum sericatum
Diastylis scorpioides	Buccinum undatum
Diastylis spinulosa	Buccinum undatum belcheri
	Capulacmaea radiata
ARTHROPODA:Isopoda	Colus islandicus
Arcturus baffini	Colus pubescens
Synidotea marmorata	Cylichna alba
	Lepeta caeca
ARTHROPODA:Pycnogonida	Littorina saxatilis
Boreonymphon abyssorum (as Nymphon robustum)	Margarites costalis
	Margarites olivaceus
Nymphon elegans	Margarites umbilicalis
Nymphon hirtipes	Onchidiopsis glacialis
Nymphon serratum	Tachyrhynchus reticulatus
	Trichotropis bicarinata
BRACHIOPODA	Trichotropis borealis
Hemithyris psittacea	Velutina plicatilis
	Velutina undata
CHORDATA:Ascidiacea	Velutina velutina
Cnemidocarpa finmarkiensis	
	MOLLUSCA:Pelecypoda
ECHINODERMATA:Asteroidea	Astarte borealis (f. typica & placenta)
Pteraster militaris	Astarte montagui (f. striata)
Pteraster pulvillus	Clinocardium ciliatum
Solaster syrtensis	Hiatella arctica
	Macoma moesta
ECHINODERMATA:Echinoidea	Musculus discors (f. substriatus)
Strongylocentrotus droebachiensis	Nuculana minuta
	Nuculana pernula (f. costigera)
ECHINODERMATA:Holothuroidea	Pecten groenlandicus
Psolus fabricii	

Table 49. Benthic invertebrates collected by dredge from station 712, 10 Sep 1955.

Species
ARTHROPODA:Decapoda
Eualus gaimardi
Lebbeus microceros
Lebbeus polaris
ARTHROPODA:Isopoda
Arcturus baffini
ECHINODERMATA:Ophiuroidea
Ophiacantha bidentata
Ophiopus arcticus

Table 50. Benthic invertebrates collected by dredge from station 713, 12 Sep 1955.

Species	Species
ARTHROPODA:Polychaeta	ECHINODERMATA:Asteroidea
Polychaetes	Henricia eschrichti
	Leptasterias groenlandica
ARTHROPODA:Amphipoda	Stephanasterias albula
Acanthonotozoma serratum	
Ericthonius tolli	ECHINODERMATA:Ophiuroidea
Orchomene macroserrata	Ophiacantha bidentata
Socarnes vahli	Ophiopus arcticus
Stegocephalus inflatus	
Tryphosa marina	ECTOPROCTA
	Hippoporella hippopus
ARTHROPODA:Cirripedia	Microporina articulata
Balanus balanoides	
Balanus crenatus	MOLLUSCA:Gastropoda
	Boreotrophon fabricii
ARTHROPODA:Decapoda	Buccinum glaciale (cf. hancocki)
Eualus gaimardi	Lacuna glacialis
Eualus g. belcheri	Margarites umbilicalis
Lebbeus groenlandicus	Natica clausa
Lebbeus polaris	Trichotropis borealis
Spirontocaris phippsi	
	MOLLUSCA:Pelecypoda
ARTHROPODA:Isopoda	Astarte borealis (f. typica)
Arcturus baffini	Musculus discors (f. laevigatus & substriatus)
ARTHROPODA:Pycnogonida	
Nymphon hirtipes	
BRACHIOPODA	
Hemithyris psittacea	
CHORDATA:Ascidiacea	
Ascidia callosa	
Ascidia sp.	
Boltenia echinata	
Boltenia ovifera	
Dendrodoa aggregata	
Molgula siphonalis	
Styela rustica	
COELENTERATA:Anthozoa	
Actinostola spetsbergensis	

Table 51. Benthic invertebrates collected by dredge, hand, and from anchor from station 715, 18, 19, 21 Sep 1955; 15, 26 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Asteroidea
Acanthonotozoma inflatum	Henricia eschrichti
Aeginina longicornis	Leptasterias groenlandica
Anonyx lilljeborgi	Solaster papposus
Apherusa glacialis	Stephanasterias albula
Gammarus setosus	
Gammarus wilkitzkii	ECHINODERMATA:Ophiuroidea
Melita formosa	Ophiocten sericeum
Monoculodes vibei	
Oediceros saginatus	ECTOPROCTA
Onisimus litoralis (as Pseudalibrotus)	Myriapora subgracila
Onisimus nanseni (as Pseudalibrotus)	Parasmittina jeffreysi
Orchomene macroserrata	
Orchomene pinguis	MOLLUSCA:Gastropoda
Paroediceros lynceus	Admete couthouyi
Pleustes panoplus	Boreotrophon truncatus
Rhachotropis oculata	Buccinum glaciale
Socarnes bidenticulatus	Buccinum glaciale (cf. hancocki)
Stegocephalus inflatus	Buccinum hydrophanum
Westwoodilla megalops	Buccinum scalariforme (as B. tenue)
	Buccinum totteni
ARTHROPODA:Cumacea	Colus islandicus
Diastylis rathkei	Colus spitzbergensis
	Cylichna alba
ARTHROPODA:Decapoda	Diaphana minuta
Argis dentata	Margarites costalis
Eualus fabricii	Margarites olivaceus
Eualus gaimardi	Margarites umbilicalis
Eualus g. belcheri	Oenopota arctica
Pagurus pubescens	Oenopota bicarinata
Sclerocrangon boreas	Oenopota incisula
Spirontocaris phippsi	Oenopota pyramidalis
Spirontocaris spinus	Oenopota turricula
	Trichotropis borealis
ARTHROPODA:Isopoda	Velutina undata
Arcturus baffini	Velutina velutina
Mesidotea sabini	Volutopsius norvegicus
CHORDATA:Ascidiacea	MOLLUSCA:Pelecypoda
Boltenia echinata	Astarte montagui (f. striata & fabula)
Dendrodoa aggregata	Clinocardium ciliatum
Halocynthia pyriformis	Hiatella arctica
Molgula siphonalis	Macoma calcarea
Pelonaia corrugata	Musculus discors (f. laevigatus & substriatus)
Styela coriacea	

Table 51. Continued.

Species
MOLLUSCA:Pelecypoda
Nucula belloti
Nuculana minuta
Nuculana pernula (f. costigera)
Portlandia arctica (f. siliqua)
Serripes groenlandicus
Yoldia h. hyperborea

Table 52. Benthic invertebrates collected by dredge and net from station 716, 19 Sep 1955.

Species
ANNELIDA:Polychaeta
Pectinaria hyperborea
Polydora sp.
ARTHROPODA:Amphipoda
Anonyx nugax
Atylus smitti
Haploops setosa
Paronesimus barentsi
Socarnes bidenticulatus
Stegocephalus inflatus
ARTHROPODA:Cirripedia
Balanus balanus
Balanus crenatus ?
ARTHROPODA:Decapoda
Pagurus pubescens
ARTHROPODA:Isopoda
Arcturus baffini
ARTHROPODA:Pycnogonida
Nymphon grossipes
Nymphon hirtipes
BRACHIOPODA
Atretia gnomon
Hemithyris psittacea
CHORDATA:Ascidiacea
Polycitor vitreus ?
ECHINODERMATA:Asteroidea
Henricia eschrichti
Leptasterias groenlandica
Pteraster militaris
Pteraster obscurus
ECHINODERMATA:Holothuroidea
Cucumaria frondosa
Psolus fabricii
Psolus phantapus
Thyonidium sp.
ECHINODERMATA:Ophiuroidea
Amphiura sundevalli
Ophiacantha bidentata
Ophiocten sericeum
Stegophiura nodosa
MOLLUSCA:Gastropoda
Beringius ossiani
Buccinum hydrophanum
Buccinum scalariforme (as B. tenue)
Buccinum totteni
Buccinum undatum
Colus islandicus
Lepeta caeca
Margarites costalis
Margarites helicinus
Margarites umbilicalis
Neptunea despecta
Trichotropis borealis
Velutina plicatilis
Velutina undata
Velutina velutina
Volutopsius norvegicus
MOLLUSCA:Pelecypoda
Astarte borealis (f. typica & placenta)
Astarte montagui (f. warhami)
Hiatella arctica
Macoma calcarea
Musculus discors (f. laevigatus)
Mya truncuta
Nucula belloti
Nuculana minuta
Nuculana pernula (f. costigera)
Portlandia arctica (f. siliqua)
Serripes groenlandicus
NEMERTINA
Nemertean
PORIFERA
Sponges

Table 53. Benthic invertebrates collected by dredge from station 718, 25 Sep 1955.

Species
ANNELIDA:Polychaeta
Ammotrypane aulogaster
ARTHROPODA:Amphipoda
* Acanthostepheia malmgreni
Anonyx nugax
Socarnes bidenticulatus
Stegocephalus inflatus
ARTHROPODA:Isopoda
Arcturus baffini
Mesidotea sabini
ARTHROPODA:Pycnogonida
Nymphon hirtipes
ECHINODERMATA:Asteroidea
Solaster syrtensis
ECHINODERMATA:Ophiuroidea
Ophiacantha bidentata
Ophiocten sericeum
Stegophiura nodosa
MOLLUSCA:Cephalopoda
Rossia molleri
MOLLUSCA:Gastropoda
Admete couthouyi
Buccinum hydrophanum
Colus islandicus
Colus tortuosus
Neptunea despecta
MOLLUSCA:Pelecypoda
Clinocardium ciliatum
Hiatella arctica
Macoma calcarea
Musculus discors (f. laevigatus & substriatus)
Musculus niger
Nucula belloti
Nuculana pernula
Portlandia arctica (f. siliqua)
Serripes groenlandicus
Yoldia h. hyperborea

* Anonyx makarovi

Table 54. Benthic invertebrates collected by grab, dredge, and line from station 719, 29 Sep 1955 to 13 Sep 1956.

Species
ANNELIDA:Polychaeta
Pectinaria hyperborea
Polydora sp.
ARTHROPODA:Amphipoda
Aeginina longicornis
Ampelisca eschrichti
* Anonyx lilljeborgi
Anonyx nugax
Byblis gaimardi
Centromedon pumilus
Haploops setosa
Haploops tubicola
Monoculodes latimanus
Pleustes medius
Pleustes panoplus
Pontoporeia femorata
Rhachotropis aculeata
Socarnes bidenticulatus
Stegocephalus inflatus
ARTHROPODA:Cirripedia
Balanus balanus
ARTHROPODA:Decapoda
Argis dentata
Eualus gaimardi
Eualus g. belcheri
Lebbeus polaris
Pagurus pubescens
Sabinea septemcarinata
Spirontocaris spinus
ARTHROPODA:Isopoda
Arcturus baffini
Mesidotea sabini
Munnopsis typica
Synidotea marmorata
ARTHROPODA:Pycnogonida
Nymphon megalops
BRACHIOPODA
Atretia gnomon
Hemithyris psittacea
* Anonyx makarovi

Species
CHORDATA:Ascidiacea
Styela rustica
ECHINODERMATA:Asteroidea
Leptasterias groenlandica
ECHINODERMATA:Holothuroidea
Psolus phantapus
ECHINODERMATA:Ophiuroidea
Amphiura sundevalli
Ophiacantha bidentata
Ophiocten sericeum
Stegophiura nodosa
ECTOPROCTA
Myriapora subgracila
Tricellaria peachi
MOLLUSCA:Gastropoda
Buccinum hydrophanum
Colus islandicus
Colus pubescens
Colus tortuosus
Cylichna alba
Lepeta caeca
Lunatia pallida
Margarites olivaceus
Margarites umbilicalis
Neptunea despecta
Oenopota incisula
Trichotropis borealis
Volutopsius norvegicus
MOLLUSCA:Pelecypoda
Astarte borealis (f. placenta)
Astarte montagui (f. warhami & striata)
Clinocardium ciliatum
Hiatella arctica
Lyonsia arenosa
Macoma calcarea
Macoma torelli
Musculus corrugatus
Musculus discors (f. laevigatus & substriatus)

Table 54. Continued.

Species
MOLLUSCA:Pelecypoda
Musculus niger
Mya truncata
Nucula belloti
Nuculana minuta
Nuculana pernula (f. costigera)
Portlandia arctica (f. siliqua)
Serripes groenlandicus
Thyasira gouldi
Yoldia h. hyperborea

Table 55. Benthic invertebrates collected by hand and net from station 720, 29 Sep, 10 and 16 Oct 1955.

Species	Species
ANNELIDA:Hirudinea	MOLLUSCA:Gastropoda
Leeches	Buccinum cyaneum
	Buccinum undatum
ANNELIDA:Polychaeta	Cylichna alba
Eteone longa	Cylichna occulta
	Lunatia pallida
ARTHROPODA:Amphipoda	Margarites helicinus
Anonyx nugax	Margarites olivaceus
Apherusa glacialis	Margarites umbilicalis
Apherusa megalops (as Halirages)	Oenopota bicarinata
Atylus carinatus	Trichotropis borealis
Boeckosimus plautus (as Onisimus)	
Gammaracanthus loricatus	MOLLUSCA:Pelecypoda
Gammarus setosus	Axinopsida orbiculata
Gammarus wilkitskii	Mya truncata
Halirages nilssoni	Serripes groenlandicus
Ischyrocerus anguipes	Thyasira gouldi
Melita formosa	
Metopella carinata	
Onisimus litoralis (as Pseudalibrotus)	
Orchomene minuta (as Orchomenella)	
Orchomene pinguis (as Orchomenella)	
Parapleustes bicuspis	
Parapleustes gracilis	
Paroediceros lynceus	
Pontogeneia inermis	
Pontoporeia femorata	
Weyprechtia pinguis	
ARTHROPODA:Decapoda	
Eualus fabricii	
Lebbeus groenlandicus	
Lebbeus polaris	
CHORDATA:Ascidiacea	
Rhizomolgula globularis	
COELENTERATA:Anthozoa	
Tealia felina	
ECHINODERMATA:Asteroidea	
Leptasterias groenlandica	
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	

Table 56. Benthic invertebrates collected by dredge and net from station 722, 29 Sep 1955.

Species	Species
ANNELIDA:Polychaeta	ECHINODERMATA:Asteroidea
Chone sp.	Henricia eschrichti
Polydora caeca	
	ECHINODERMATA:Holothuroidea
ARTHROPODA:Amphipoda	Thyonidium sp.
Acanthonotozoma cristatum	
Ampelisca eschrichti	ECHINODERMATA:Ophiuroidea
Anonyx nugax	Ophiacantha bidentata
Haploops tubicola	Ophiocten sericeum
Rhachotropis aculeata	Ophiopus arcticus
Socarnes bidenticulatus	Stegophiura nodosa
Stegocephalus inflatus	
Tryphosa marina	ECTOPROCTA
	Myriapora subgracila
ARTHROPODA:Cirripedia	Parasmittina jeffreysi
Balanus balanus	
	MOLLUSCA:Gastropoda
ARTHROPODA:Decapoda	Buccinum hydrophanum
Eualus gaimardi	Buccinum undatum
Eualus gaimardi belcheri	Capulacmaea radiata
Sabinea septemcarinata	Colus pubescens
Spirontocaris spinus	Colus tortuosus
	Lunatia pallida
ARTHROPODA:Isopoda	Margarites costalis
Arcturus baffini	Margarites olivaceus
Mesidotea sabini	Margarites umbilicalis
Synidotea marmorata	Neptunea despecta
	Oenopota bicarinata
ARTHROPODA:Pycnogonida	Onchidiopsis glacialis
Nymphon brevitarse	Tachyrhynchus reticulatus
Nymphon hirtipes	Trichotropis borealis
	Velutina plicatilis
BRACHIOPODA	Velutina undata
Hemithyris psittacea	Volutopsius norvegicus
CHORDATA:Ascidiacea	MOLLUSCA:Pelecypoda
Ascidia callosa	Astarte borealis (f. typica)
Ascidia prunum	Clinocardium ciliatum
Boltenia echinata	Hiatella arctica
Molgula siphonalis	Macoma calcarea
Styela rustica	Macoma moesta
	Musculus corrugatus
COELENTERATA:Hydrozoa	Musculus discors (f. laevigatus & substriatus)
Sertularia schmidti	

Table 56. Continued.

Species
MOLLUSCA:Pelecypoda
Mya truncata
Nucula belloti
Nuculana pernula (f. costigera)
Serripes groenlandicus
Yoldia h. hyperborea

Table 57. Benthic invertebrates collected by dredge, net, grab, and trap from station 723, 26 Oct 1955 - 4 Sep 1956.

Species	Species
ANNELIDA:Polychaeta	ARTHROPODA:Pycnogonida
Antinoella sarsi	Nymphon hirtipes
Tharyx acutus	Pseudopallene circularis
ARTHROPODA:Amphipoda	CHORDATA:Ascidiacea
Aceroides latipes	Ascidia callosa
Anonyx nugax	Boltenia echinata
Apherusa megalops (as Halirages)	Boltenia ovifera
Atylus carinatus	Molgula griffithsi
Centromedon pumilus	
Gammarus wilkitzkii	COELENTERATA:Anthozoa
Halirages nilsseni	Hormathia nodosa
Melita formosa	
Melita quadrispinosa	COELENTERATA:Hydrozoa
Monoculodes zernovi	Operculariella lacerata
Onisimus nanseni (as Pseudalibrotus)	
Orchomene macroserrata	ECHINODERMATA:Asteroidea
Paroediceros lynceus	Henricia eschrichti
Pontoporeia femorata	Leptasterias groenlandica
Socarnes bidenticulatus	Solaster papposus
Socarnes vahli	Stephanasterias albula
Stegocephalus inflatus	
Tryphosa marina	ECHINODERMATA:Echinoidea
Weyprechtia pinguis	Strongylocentrotus droebachiensis
ARTHROPODA:Cumacea	ECHINODERMATA:Holothuroidea
Diastylis rathkei	Psolus fabricii
Leucon sp.	
	ECHINODERMATA:Ophiuroidea
ARTHROPODA:Decapoda	Amphiura sundevalli
Eualus fabricii	Ophiacantha bidentata
Eualus gaimardi	Ophiopus arcticus
Eualus g. belcheri	Stegophiura nodosa
Lebbeus polaris	
Pagurus pubescens	ECTOPROCTA
Spirontocaris phippsi	Cribrilina annulata
Spirontocaris spinus	Escharella ventricosa
	Hincksina nigrans
ARTHROPODA:Isopoda	Hippothoa hyalina
Arcturus baffini	Membranipora serrulata
Janira tricornis	Rhamphostomella hincksi
Mesidotea sabini	Scrupocellaria scabra
	Tegella arctica
ARTHROPODA:Nebaliacea	Umbonula arctica
Nebalia bipes	

Table 57. Continued.

Species
MOLLUSCA:Amphineura
Ischnochiton albus (as *Lophyrochiton*)
MOLLUSCA:Gastropoda
Acmaea rubella
Cyclichna alba
Margarites helicinus
Margarites olivaceus
Margarites vahli
Oenopota bicarinata
Onchidiopsis glacialis
Onchidiopsis kingmaruensis
Puncturella noachina
Trichotropis borealis
MOLLUSCA:Pelecypoda
Astarte borealis (f. placenta & typica)
Astarge montagui (f. warhami & fabula)
Hiatella arctica
Macoma calcarea
Macoma moesta
Musculus discors (f. laevigatus & substriatus)
Musculus niger
Mya truncata
Nucula belloti
Nuculana pernula
Portlandia arctica (f. siliqua)
Serripes groenlandicus
Yoldia h. hyperborea
PRIAPULIDA
Priapulus caudatus

Table 58. Benthic invertebrates collected by dredge from station 801, 7 Jun 1956.

Species
ANNELIDA:Hirudinea
Leeches
ARTHROPODA:Amphipoda
Apherusa megalops (as Halirages)
Boeckosimus edwardsi (as Onisimus)
Ischyrocerus latipes
Parapleustes ramyslovi
ECHINODERMATA:Asteroidea
Stephanasterias albula
MOLLUSCA:Gastropoda
Margarites helicinus

Table 59. Benthic invertebrates collected by anchor from station 805, 5 Aug 1956.

Species
ECTOPROCTA
Hippothoa hyalina
Microporina articulata
Tegella arctica
MOLLUSCA:Gastropoda
Acmaea rubella

Table 60. Benthic invertebrates collected by net from station 806, 8 Aug 1956.

Species
ARTHROPODA:Amphipoda
Atylus carinatus
Gammaracanthus loricatus
Gammarus setosus
Weyprechtia pinguis
ECHINODERMATA:Ophiuroidea
Stegophiura nodosa

Table 61. Benthic invertebrates collected by net from station 808, 16 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	ECTOPROCTA
Anonyx nugax	Cystisella saccata
Stegocephalus inflatus	MOLLUSCA:Gastropoda
ARTHROPODA:Isopoda	Cylichna occulta
Arcturus baffini	MOLLUSCA:Pelecypoda
BRACHIOPODA	Astarte montagui (f. warhami)
Hemithyris psittacea	Hiatella arctica
ECHINODERMATA:Ophiuroidea	Macoma calcarea
Ophiocten sericeum	Musculus discors (f. laevigatus & substriatus)
Stegophiura nodosa	Nucula belloti
	Portlandia arctica (f. siliqua)
	Yoldia h. hyperborea

Table 62. Benthic invertebrates collected by hand and line from station 809, 16 Aug 1956.

Species
ARTHROPODA:Amphipoda
Anonyx lilljeborgi
Gammarus oceanicus
Gammarus setosus
Onisimus litoralis
Westwoodilla brevicalcar
MOLLUSCA:Pelecypoda
Astarte borealis
Astarte montagui

Table 63. Benthic invertebrates collected by dredge and net from station 811, 17 Aug 1956.

Species
ANNELIDA:Polychaeta
Chaetozone sp.
Chone sp.
Euchone analis
Flabelligera affinis
Gattyana cirrosa
Harmothoe extenuata
Harmothoe imbricata
Harmothoe nodosa
Lanassa venusta
Nereimyra aphroditoides
Onuphis conchylega
Pionosyllis compacta
Polydora sp.
ARTHROPODA:Amphipoda
Acanthonotozoma cristatum
Acanthonotozoma inflatum
Aeginina longicornis
Ampelisca eschrichti
Anonyx nugax
Aristias tumidus
Byblis gaimardi
Eusirus cuspidatus
Gammarus wilkitzkii
Haploops setosa
Ischyrocerus sp.
Melphidippa goesi
Monoculodes boecki
Monoculodes simplex
Onisimus nanseni (as Pseudalibrotus)
Paramphithoe hystrix
Pardalisca cuspidata
Rhachotropis oculata
Sivladia arctica
Socarnes bidenticulatus
Stegocephalus inflatus
Stenopleustes olriki (as Sympleustes)
Syrrhoe crenulata
ARTHROPODA:Cirripedia
Balanus balanus
Balanus crenatus
ARTHROPODA:Cumacea
Leptostylis ampullacea
ARTHROPODA:Decapoda
Eualus gaimardi
Lebbeus groenlandicus
Lebbeus polaris
Pagurus pubescens
Sabinea septemcarinata
Sclerocrangon boreas
Spirontocaris phippsi
Spirontocaris spinus
ARTHROPODA:Isopoda
Arcturus baffini
ARTHROPODA:Ostracoda
Philomedes globosus
ARTHROPODA:Pycnogonida
Boreonymphon robustum (as Nymphon)
Nymphon brevitarse
Nymphon hirtipes
Nymphon longitarse
Nymphon microrhynchum
Nymphon serratum
ASCHELMINTHES:Nematoda
Nematodes
BRACHIOPODA
Atretia gnomon
Hemithyris psittacea
CHORDATA:Ascidiacea
Didemnum albidum
Lissoclinum aureum
Molgula griffithsi
Synoicum pulmonaria
COELENTERATA:Anthozoa
Actinostola spetsbergensis
Drifa glomerata
Hormathia nodosa
Metridium senile ?

Table 63. Continued.

Species	Species
COELENTERATA:Hydrozoa	ECTOPROCTA
Calycella syringa	Cystisella saccata
Campanularia integra	Membranipora serrulata
Cuspidella humilis	Myriapora subgracila
Cuspidella procumbens	Parasmittina jeffreysi
Eudendrium rameum	Posterula sarsi
Filellum serpens	Schismopora nodulosa
Grammaria abietina	
Grammaria immersa	MOLLUSCA:Gastropoda
Halecium speciosum	Admete couthouyi
Lafoea gracillima	Boreotrophon fabricii
Sertularia schmidti	Buccinum glaciale (cf. hancocki)
Sertularia similis	Buccinum undatum
Sertularia tenera	Capulacmaea radiata
	Lepeta caeca
ECHINODERMATA:Asteroidea	Lunatia pallida
Henricia eschrichti	Margarites costalis
Lophaster furcifer	Margarites olivaceus
Solaster endeca	Tachyrhynchus reticulatus
Solaster papposus	Trichotropis borealis
Solaster syrtensis	Velutina plicatilis
ECHINODERMATA:Crinoidea	MOLLUSCA:Pelecypoda
Heliometra glacialis	Astarte borealis (f. typica)
	Astarte montagui (f. warhami)
ECHINODERMATA:Echinoidea	Clinocardium ciliatum
Strongylocentrotus droebachiensis	Hiatella arctica
	Macoma calcarea
ECHINODERMATA:Holothuroidea	Musculus discors (f. laevigatus & substriatus)
Cucumaria calcigera	Musculus niger
Cucumaria frondosa	Mya truncata
Myriotrochus rinki	Nucula belloti
Psolus fabricii	Thyasira gouldi
Psolus phantapus	
ECHINODERMATA:Ophiuroidea	PORIFERA
Amphiura sundevalli	Sponges
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopus arcticus	

Table 64. Benthic invertebrates collected by dredge from station 815, 18 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
Aeginina longicornis	Boreotrophon fabricii
	Boreotrophon truncatus
ARTHROPODA:Isopoda	Buccinum hydrophanum
Arcturus baffini	Lepeta caeca
	Margarites costalis
ARTHROPODA:Pycnogonida	Oenopota declivis
Nymphon hirtipes	Trichotropis borealis
Nymphon megalops	Velutina plicatilis
Nymphon stromi	
	MOLLUSCA:Pelecypoda
BRACHIOPODA	Hiatella arctica
Hemithyris psittacea	Musculus discors (f. laevigatus)
	Nucula belloti
COELENTERATA:Hydrozoa	Nuculana pernula (f. costigera)
Thuiaria thuja	Pandora glacialis
	Pecten groenlandicus
ECHINODERMATA:Asteroidea	Yoldia h. hyperborea
Lophaster furcifer	
ECHINODERMATA:Holothuroidea	
Cucumaria frondosa	
Psolus fabricii	
ECHINODERMATA:Ophiuroidea	
Amphiura sundevalli	
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopus arcticus	
Ophiura sarsi	
ECTOPROCTA	
Celleporina surcularis	
Cystisella saccata	
Eucratea loricata	
Myriapora subgracila	
Porella compressa	
MOLLUSCA:Cephalopoda	
Rossia molleri	

Table 65. Benthic invertebrates collected by grab from station 816, 18 Aug 1956.

Species
ARTHROPODA:Pycnogonida
Boreonymphon robustum (as Nymphon)
ECHINODERMATA:Ophiuroidea
Ophiopus arcticus

Table 66. Benthic invertebrates collected by trawl from station 817, 24 Aug 1956.

Species	Species
ANNELIDA:Hirudinea	ECHINODERMATA:Asteroidea
Leeches	Henricia eschrichti
ARTHROPODA:Amphipoda	Leptasterias groenlandica
Gammaracanthus loricatus	MOLLUSCA:Gastropoda
Gammarus wilkitskii	Buccinum glaciale (cf. hancocki)
Halirages nilssoni	Buccinum hydrophanum
Ischyrocerus anguipes	Dendronotus frondosus
Orchomene minuta (as Orchomenella)	Margarites costalis
Stegocephalus inflatus	Margarites helicinus
ARTHROPODA:Cirripedia	Margarites olivaceus
Balanus balanus	Oenopota bicarinata
ARTHROPODA:Decapoda	Onchidiopsis glacialis
Eualus gaimardi	Trichotropis borealis
Lebbeus polaris	Velutina velutina
Pagurus pubescens	MOLLUSCA:Pelecypoda
Sclerocrangon boreas	Musculus discors (f. laevigatus)
Spirontocaris phippsi	
Spirontocaris spinus	
ARTHROPODA:Isopoda	
Janira tricornis	
CHORDATA:Ascidiacea	
Boltenia echinata	
Dendrodoa aggregata	

Table 67. Benthic invertebrates collected by dredge from station 818, 26 Aug 1956.

Species
ANNELIDA:Polychaeta
Chaetozone setosa
Euchone papillosa
Nereis pelagica
Polydora caeca
ARTHROPODA:Amphipoda
Acanthonotozoma cristatum
Aeginina longicornis
Ampelisca eschrichti
* Anonyx nugax
Atylus smitti
Haploops setosa
Haploops tubicola
Paramphithoe hystrix
Paronesimus barentsi
Pleustes panoplus
Socarnes bidenticulatus
ARTHROPODA:Decapoda
Argis dentata
Eualus gaimardi
Lebbeus polaris
Pagurus pubescens
Spirontocaris phippsi
Spirontocaris spinus
ARTHROPODA:Isopoda
Arcturus baffini
ARTHROPODA:Pycnogonida
Colossendeis proboscidea
Nymphon hirtipes
Nymphon megalops
Boreonymphon robustum (as Nymphon)
ASCHELMINTHES:Nematoda
Nematodes
BRACHIOPODA
Atretia gnomon
Hemithyris psittacea
ECHINODERMATA:Asteroidea
Ctenodiscus crispatus
Henricia eschrichti
Leptasterias groenlandica
Leptasterias polaris
Pteraster militaris
Pteraster obscurus
ECHINODERMATA:Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA:Holothuroidea
Cucumaria frondosa
Myriotrochus rinki
Psolus fabricii
ECHINODERMATA:Ophiuroidea
Amphiura sundevalli
Gorgonocephalus arcticus
Ophiacantha bidentata
Ophiocten sericeum
Stegophiura nodosa
ECTOPROCTA
Celleporina surcularis
Cystisella saccata
Hippoporina propinqua
Myriapora subgracila
MOLLUSCA:Gastropoda
Buccinum sericatum
Buccinum scalariforme (as B. tenue)
Buccinum totteni
Buccinum undatum
Colus tortuosus
Margarites costalis
Margarites umbilicalis
Oenopota turricula
Trichotropis borealis

* Anonyx makarovi

Table 67. Continued.

Species
MOLLUSCA:Pelecypoda
Astarte montagui (f. warhami)
Clinocardium ciliatum
Hiatella arctica
Macoma calcarea
Musculus discors (f. laevigatus & substriatus)
Musculus niger
Nucula belloti
Nuculana minuta
Nuculana pernula (f. costigera)
PORIFERA
Sponges

Table 68. Benthic invertebrates collected by dredge from station 820, 28 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
Acanthostepheia malmgreni	Buccinum hydrophanum
Aeginina longicornis	Lunatia pallida
Anonyx nugax	Margarites costalis
Metopa glacialis	
Socarnes bidenticulatus	MOLLUSCA:Pelecypoda
Stegocephalus inflatus	Hiatella arctica
Unciola leucopis	Macoma calcarea
	Macoma moesta
ARTHROPODA:Decapoda	Musculus corrugatus
Eualus gaimardi	Musculus discors (f. laevigatus & substriatus)
Pagurus pubescens	Nucula belloti
Sabinea septemcarinata	Portlandia arctica (f. siliqua)
Spirontocaris spinus	
ARTHROPODA:Isopoda	
Arcturus baffini	
Mesidotea sabini	
Munnopsis typica	
ARTHROPODA:Pycnogonida	
Boreonymphon robustum (as Nymphon)	
Nymphon hirtipes	
BRACHIOPODA	
Hemithyris psittacea	
COELENTERATA:Anthozoa	
Hormathia nodosa	
COELENTERATA:Hydrozoa	
Lafoea gracillima	
ECHINODERMATA:Asteroidea	
Henricia eschrichti	
ECHINODERMATA:Ophiuroidea	
Ophiocten sericeum	
ECTOPROCTA	
Cystisella saccata	
Escharoides jacksoni	
Terminoflustra membranaceotruncata	

Table 69. Benthic invertebrates collected by dredge from station 821, 29 Aug 1956.

Species	Species
ARTHROPODA:Amphipoda	MOLLUSCA:Gastropoda
* Aceroides latipes	Admete couthouyi
Anonyx nugax	Buccinum glaciale (cf. hancocki)
Metopa glacialis	Buccinum hydrophanum
Pontoporeia femorata	Buccinum scalariforme (as B. tenue)
Protomedeia grandimana	Colus islandicus
	Lunatia pallida
ARTHROPODA:Decapoda	Margarites costalis
Pagurus pubescens	Margarites olivaceus
	Natica clausa
ARTHROPODA:Isopoda	Oenopota bicarinata
Arcturus baffini	Oenopota incisula
Mesidotea sabini	Oenopota pyramidalis
	Trichotropis borealis
CHORDATA:Ascidiacea	Volutopsius norvegicus
Didemnum albidum	
	MOLLUSCA:Pelecypoda
COELENTERATA:Anthozoa	Astarte montagui (f. banski & striata)
Hormathia nodosa	Clinocardium ciliatum
	Crenella faba
COELENTERATA:Hydrozoa	Hiatella arctica
Lafoea gracillima	Lyonsia arenosa
Sertularella polyzonias	Macoma calcarea
	Macoma moesta
ECHINODERMATA:Asteroidea	Musculus corrugatus
Leptasterias groenlandica	Musculus discors (f. substriatus)
Solaster papposus	Musculus niger
	Nucula belloti
ECHINODERMATA:Echinoidea	Nuculana pernula (f. costigera)
Strongylocentrotus droebachiensis	Portlandia arctica (f. siliqua)
	Serripes groenlandicus
ECHINODERMATA:Ophiuroidea	
Ophiocten sericeum	
Stegophiura nodosa	
ECTOPROCTA	
Hippoporina propinqua	
Hippothoa hyalina	
Membranipora serrulata	
Tegella arctica	

* Anonyx makarovi

Table 70. Benthic invertebrates collected by dredge from station 822, 30 Aug 1956.

Species
ARTHROPODA:Cirripedia
Balanus crenatus
ARTHROPODA:Decapoda
Eualus fabricii
Eualus gaimardi
Lebbeus polaris
Pagurus pubescens
ARTHROPODA:Isopoda
Arcturus baffini
COELENTERATA:Anthozoa
Stomphia coccinea
ECHINODERMATA:Asteroidea
Leptasterias groenlandica
ECHINODERMATA:Ophiuroidea
Ophiacantha bidentata
MOLLUSCA:Amphineura
Ischnochiton albus (as Lophyrochiton)
Tonicella marmorea
MOLLUSCA:Gastropoda
Buccinum undatum
Margarites costalis
Margarites umbilicalis
Trichotropis borealis
MOLLUSCA:Pelecypoda
Hiatella arctica
Musculus discors (f. laevigatus)
Portlandia arctica (f. siliqua)

Table 71. Benthic invertebrates collected by dredge from station 828, 7 Sep 1956.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Holothuroidea
Anonyx nugax	Cucumaria frondosa
Metopa glacialis (as M. cariana)	
Tryphosa marina	ECHINODERMATA:Ophiuroidea
	Ophiacantha bidentata
ARTHROPODA:Decapoda	
Eualus gaimardi	ECTOPROCTA
Lebbeus groenlandicus	Dendrobeania murrayana
Lebbeus polaris	
Pagurus pubescens	MOLLUSCA:Amphineura
Spirontocaris phippsi	Tonicella marmorea
ARTHROPODA:Isopoda	MOLLUSCA:Gastropoda
Arcturus baffini	Boreotrophon fabricii
	Lepeta caeca
BRACHIOPODA	
Hemithyris psittacea	MOLLUSCA:Pelecypoda
	Crenella faba
COELENTERATA:Anthozoa	Hiatella arctica
Hormathia nodosa ?	Musculus discors (f. laevigatus & substriatus)
ECHINODERMATA:Asteroidea	
Solaster papposus	

Table 72. Benthic invertebrates collected by grab from station 831, 8 Sep 1956.

Species
MOLLUSCA:Gastropoda
Neptunea despecta

Table 73. Benthic invertebrates collected by dredge from station 832, 8 Sep 1956.

Species	Species
ANNELIDA:Polychaeta	ECHINODERMATA:Asteroidea
Antinoella sarsi	Ctenodiscus crispatus
Mystides borealis	Pteraster pulvillus
Onuphis conchylega	Solaster papposus
Polydora sp.	
	ECHINODERMATA:Crinoidea
ARTHROPODA:Amphipoda	Heliometra glacialis
Aeginina longicornis	
Ampelisca eschrichti	ECHINODERMATA:Ophiuroidea
Anonyx nugax	Ophiacantha bidentata
Atylus smitti	Ophiocten sericeum
Paramphithoe hystrix	
Socarnes bidenticulatus	MOLLUSCA:Gastropoda
Stegocephalus inflatus	Boreotrophon clathratus
	Boreotrophon fabricii
ARTHROPODA:Cirripedia	Buccinum hydrophanum
Balanus balanoides ?	Capulacmaea radiata
Balanus crenatus	Colus islandicus
	Lepeta caeca
ARTHROPODA:Decapoda	Lunatia pallida
Eualus gaimardi	Margarites costalis
Eualus g. belcheri	
Lebbeus polaris	MOLLUSCA:Pelecypoda
Pagurus pubescens	Hiatella arctica
Sabinea septemcarinata	Macoma calcarea
Sclerocrangon boreas	Macoma loveni
Spirontocaris phippsi	Musculus discors
Spirontocaris spinus	Nucula belloti
	Nuculana pernula (f. costigera)
ARTHROPODA:Isopoda	Pecten groenlandicus
Arcturus baffini	Yoldia h. hyperborea
Mesidotea sabini	
Munnopsis typica	NEMERTINA
	Nemerteans
ARTHROPODA:Pycnogonida	
Nymphon hirtipes	PORIFERA
Nymphon hirtum	Sponges
ASCHELMINTHES:Nematoda	
Nematodes	

Table 74. Benthic invertebrates collected by dredge from station 837, 9 Sep 1956.

Species
ANNELIDA:Polychaeta
Chitinopoma fabricii
Chone sp.
Eusyllis blomstrandi
Harmothoe imbricata
Leaena abranchiata
Pholoe minuta
Pista maculata
Polycirrus medusa
Proclea graffi
Sabellides octocirrata
Spirorbis sp.
Syllis fasciata
Thelepus cincinnatus
ARTHROPODA:Amphipoda
Acanthonotozoma cristatum
Aeginina longicornis
Anonyx nugax
Caprella linearis
Dulichia spinosissima
Eurysteus melanops
Eusirus cuspidatus
Gammaropsis maculata
Haploops setosa
Ischyrocerus latipes
Ischyrocerus megalops
Metopella longimana
Paramphitoe hystrix
Socarnes vahli
ARTHROPODA:Cirripedia
Balanus balanus
Scalpellum hamatum
ARTHROPODA:Cumacea
Cumella sp.
ARTHROPODA:Decapoda
Eualus gaimardi
Eualus g. belcheri
Lebbeus groenlandicus
Lebbeus polaris
Spirontocaris phippsi
ARTHROPODA:Isopoda
Arcturus baffini
ARTHROPODA:Pycnogonida
Nymphon grossipes
Nymphon hirtipes
Nymphon serratum
ASCHELMINTHES:Nematoda
Nematodes
BRACHIOPODA
Hemithyris psittacea
CHORDATA:Ascidiacea
Aplidium glabrum
Didemnum albidum
Molgula sp.
COELENTERATA:Anthozoa
Hormathia nodosa
COELENTERATA:Hydrozoa
Helecium minutum
Sertularia schmidti
Sertularia similis
ECHINODERMATA:Asteroidea
Henricia eschrichti
Henricia scabrior
Pteraster pulvillus
Solaster papposus
Solaster syrtensis
ECHINODERMATA:Holothuroidea
Cucumaria frondosa
ECHINODERMATA:Ophiuroidea
Ophiacantha bidentata
Ophiopus arcticus

Table 74. Continued.

Species
ECTOPROCTA
Bidenkapia spitzbergensis
Cystisella saccata
Escharoides jacksoni
Membranipora serrulata
Phidolopora elongata
Securiflustra securifrons
MOLLUSCA:Gastropoda
Capulacmaea radiata
Natica clausa
MOLLUSCA:Pelecypoda
Astarte montagui
Hiatella arctica
Musculus discors (f. laevigatus & substriatus)
NEMERTINA
Nemerteans

Table 75. Benthic invertebrates collected by net from station 839, 2 Oct 1956.

Species
ARTHROPODA:Amphipoda
Apherusa megalops (as *Halirages*)
Atylus carinatus
Caprella septentrionalis
Gammaracanthus loricatus
Gammarus setosus
Gammarus wilkitskii
Ischyrocerus anguipes
Metacaprella horrida (*Caprella*)
Metopella carinata
Monoculodes borealis
Monoculodes simplex
Onisimus glacialis (as *Pseudalibrotus*)
Parapleustes bicuspis
Parapleustes gracilis
Pontogeneia inermis
Socarnes bidenticulatus
Weyprechtia pinguis
MOLLUSCA:Gastropoda
Buccinum cyaneum
Buccinum hydrophanum
Margarites umbilicalis

Table 76. Benthic invertebrates collected from station 901, 8 Jun-8 Sep 1957. Composite station sampled by grab, dredge, plankton net and hand.

Species	Species
ANNELIDA:Polychaeta	Protomedeia grandimana
Harmothoe imbricata	Rhachotropis aculeata
Micronephthys minuta	Rhachotropis oculata
Nephtys ciliata	Socarnes vahli
	Westwoodilla brevicalcar
ARTHROPODA:Amphipoda	Westwoodilla megalops
Acanthonotozoma inflatum	Weyprechtia pinguis
Aeginina longicornis	
Ampelisca eschrichti	ARTHROPODA:Cirripedia
Anonyx affinis	Balanus crenatus
Anonyx laticoxae	
Anonyx nugax	ARTHROPODA:Cumacea
* Apherusa megalops (as Halirages)	Diastylis rathkei
Argissa hamatipes	Lamprops fuscata
Arrhinopsis longicornis	
Atylus carinatus	ARTHROPODA:Decapoda
Bathymedon obtusifrons	Argis dentata
Boeckosimus plautus (as Onisimus)	Eualus fabricii
Byblis gaimardi	Eualus gaimardi
Caprella septentrionalis	Eualus g. belcheri
Dyopedus hirticornis (as Dulichia)	Lebbeus groenlandicus
Eurysteus melanops	Lebbeus polaris
Gammaracanthus loricatus	Pagurus pubescens
Gammarus setosus	Spirontocaris phippsi
Halirages fulvocinctus	
Halirages nilssoni	ARTHROPODA:Isopoda
Ischyrocerus anguipes	Arcturus baffini
Ischyrocerus latipes	Mesidotea sabini
Monoculodes borealis	Phryxus abdominalis
Monoculodes intermedius	
Monoculodes latimanus	ARTHROPODA:Mysidacea
Monoculodes schneideri	Mysis oculata
Monoculodes tuberculatus	
Monoculopsis longicornis	ARTHROPODA:Ostracoda
Onisimus litoralis (as Pseudalibrodus)	Philomedes globosus
Orchomene minuta (as Orchomenella)	
Paramphithoe hystrix	ARTHROPODA:Pycnogonida
Parapleustes assimilis	Nymphon brevitarse
Parapleustes gracilis	Nymphon grossipes
Paroediceros lynceus	
Photis sp.	BRACHIOPODA
Pleustes medius	Hemithyris psittacea
Pontogeneia inermis	
Pontogeneia femorata	

* Anonyx sarsi

Table 76. Continued.

Species	Species
CHORDATA:Ascidiacea	MOLLUSCA:Gastropoda
Boltenia ovifera	Admete couthouyi
Dendrodoa sp.	Buccinum glaciale
Molgula griffithsi	Buccinum hydrophanum
	Buccinum scalariforme (as B. tenue)
COELENTERATA:Anthozoa	Buccinum totteni
Halcampa arctica	Buccinum undatum
	Cylichna alba
COELENTERATA:Hydrozoa	Cylichna occulta
Calycella syringa	Diaphana minuta ?
Gonothyraea loveni	Lunatia pallida
Halecium muricatum	Margarites costalis
Hydractinia carica	Margarites helicinus
Operculariella lacerata	Margarites olivaceus
Sertularia similis	Margarites umbilicalis
	Oenopota arctica
ECHINODERMATA:Asteroidea	Oenopota bicarinata
Henricia eschrichti	Oenopota declivis
Leptasterias groenlandica	Oenopota incisula
Leptasterias polaris	Oenopota pyramidalis
Stephanasterias albula	Oenopota turricula
	Onchidiopsis glacialis
ECHINODERMATA:Echinoidea	Philine lima
Strongylocentrotus droebachiensis	Tachyrhynchus reticulatus
	Trichotropis borealis
ECHINODERMATA:Holothuroidea	Velutina velutina
Cucumaria calcigera	
Myriotrochus rinki	MOLLUSCA:Pelecypoda
Holothuroids	Astarte montagui
	Axinopsida orbiculata
ECHINODERMATA:Ophiuroidea	Crenella faba
Amphiura sundevalli	Hiatella arctica
Ophiacantha bidentata	Macoma calcarea
Ophiocten sericeum	Macoma moesta
Stegophiura nodosa	Musculus corrugatus
	Musculus discors (f. laevigatus)
ECTOPROCTA	Musculus niger
Cystisella saccata	Nucula belloti
Dentrobeania murrayana	Nuculana pernula (f. costigera)
Escharella ventricosa	Serripes groenlandicus
Hincksina nigrans	Thyasira gouldi
Hippothoa hyalina	Yoldia h. hyperborea
Porella acutirostris	

Table 76. Continued.

Species
PORIFERA
Isodictya palmata ?
SIPUNCULA
Golfingia margaritacea
Sipunculans

Table 77. Benthic invertebrates collected by dredge from station 61-30, 11 Aug 1961.

Species
ANNELIDA:Polychaeta
Eusyllis blomstrandi
Harmothoe extenuata
Harmothoe imbricata
Syllis fasciata
ARTHROPODA:Amphipoda
Halirages fulvocinctus
Ischyrocerus anguipes
ARTHROPODA:Cirripedia
Balanus balanus
ARTHROPODA:Decapoda
Lebbeus polaris
ASCHELMINTHES:Nematoda
Nematodes
CHORDATA:Ascidiacea
Boltenia ovifera
Dendrodoa aggregata
Didemnum albidum
ECHINODERMATA:Asteroidea
Stephanasterias albula
ECTOPROCTA
Celleporina surcularis
Parasmittina jeffreysi
MOLLUSCA:Gastropoda
Capulacmaea radiata
Margarites umbilicalis
MOLLUSCA:Pelecypoda
Hiatella arctica
Musculus discors
PORIFERA
Sponges

Table 78. Benthic invertebrates collected by dredge from station 61-32, 14 Aug 1961.

Species	Species
ARTHROPODA:Decapoda	ECTOPROCTA
Sabinea septemcarinata	*Celleporina surcularis*
	Myriapora subgracila
ARTHROPODA:Isopoda	*Parasmittina jeffreysi*
Arcturus baffini	*Schizoporella stylifera*
Mesidotea sabini	*Terminoflustra membranaceotruncata*
ARTHROPODA:Pycnogonida	MOLLUSCA:Gastropoda
Nymphon hirtipes	*Boreotrophon truncatus*
	Buccinum undatum
BRACHIOPODA	*Colus islandicus*
Hemithyris psittacea	*Trichotropis bicarinata*
	Volutopsius norvegicus
CHORDATA:Ascidiacea	
Boltenia echinata	
Polycitor vitreus	
Styela rustica	
COELENTERATA:Hydrozoa	
Halecium curvicaule	
Posterula sarsi	
ECHINODERMATA:Asteroidea	
Henricia eschrichti	
Henricia scabrior	
Pteraster militaris	
Pteraster pulvillus	
ECHINODERMATA:Crinoidea	
Heliometra glacialis	
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	
ECHINODERMATA:Ophiuroidea	
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopus arcticus	
Stegophiura nodosa	

Table 79. Benthic invertebrates collected by dredge from station 61-34, 23 Aug 1961.

Species	Species
ANNELIDA:Polychaeta	MOLLUSCA:Gastropoda
Harmothoe extenuata	Boreotrophon fabricii
Harmothoe nodosa	Colus islandicus
Spirorbis spirillum	Colus pubescens
	Lunatia pallida
ARTHROPODA:Amphipoda	Margarites costalis
Anonyx nugax	Trichotropis borealis
Atylus smitti	
Paramphithoe hystrix	
Stegocephalus inflatus	
Unciola leucopis	
ARTHROPODA:Cumacea	
Brachydiastylis resima	
Diastylis goodsiri	
ARTHROPODA:Decapoda	
Lebbeus polaris	
ARTHROPODA:Isopoda	
Arcturus baffini	
ARTHROPODA:Pycnogonida	
Nymphon hirtipes	
BRACHIOPODA	
Hemithyris psittacea	
CHORDATA:Ascidiacea	
Ciona intestinalis	
ECHINODERMATA:Ophiuroidea	
Ophiacantha bidentata	
Ophiocten sericeum	
Ophiopus arcticus	
ECTOPROCTA	
Escharoides jacksoni	
Pseudoflustra solida	

Table 80. Benthic invertebrates collected by net from station 61-35, 24 Aug 1961.

Species
COELENTERATA:Hydrozoa
Campanularia verticillata
ECTOPROCTA
Phidolopora elongata
Pseudoflustra solida

Table 81. Benthic invertebrates collected by dredge from station 61-36, 24 Aug 1961.

Species
ARTHROPODA:Amphipoda
Ischyrocerus stephenseni
Rozinante fragilis
ARTHROPODA:Isopoda
Arcturus baffini
Calathura brachiata
Munnopsurus giganteus
ARTHROPODA:Pycnogonida
Nymphon hirtipes
ECHINODERMATA:Ophiuroidea
Ophiacantha bidentata
Ophiocten sericeum
Ophiopholis aculeata
Ophiopus arcticus
Ophiura sarsi

Table 82. Benthic invertebrates collected by dredge from station 61-39, 25 Aug 1961.

Species	Species
ARTHROPODA:Amphipoda	ECHINODERMATA:Ophiuroidea
Acanthonotozoma sp.	Ophiacantha bidentata
Anonyx nugax	Ophiocten sericeum
Maera loveni	Ophiopus arcticus
Melita sp.	Ophiura robusta
Rhachotropis aculeata	
Stegocephalus inflatus	ECTOPROCTA
	Cheilopora sincera
ARTHROPODA:Decapoda	Diplosolen obelia
Lebbeus groenlandicus	Escharoides jacksoni
Lebbeus polaris	Phidolopora elongata
Sabinea septemcarinata	Rhamphostomella costata
Sclerocrangon boreas	
Spirontocaris phippsi	MOLLUSCA:Gastropoda
Spirontocaris spinus	Admete couthouyi
	Boreotrophon fabricii
ARTHROPODA:Isopoda	Buccinum hydrophanum
Arcturus baffini	Buccinum micropoma
	Lepeta caeca
ARTHROPODA:Pycnogonida	Margarites costalis
Nymphon hirtipes	Margarites umbilicalis
	Natica clausa
CHORDATA:Ascidiacea	Trichotropis conica
Aplidium glabrum	Velutina plicatilis
Ascidia callosa	Velutina undata
Ascidia prunum	
Botrylloides aureum	
Didemnum albidum	
ECHINODERMATA:Asteroidea	
Henricia eschrichti	
Henricia scabrior	
Pteraster militaris	
Pteraster pulvillus	
Solaster endeca	
Solaster papposus	
ECHINODERMATA:Echinoidea	
Strongylocentrotus droebachiensis	

Table 83. Benthic invertebrates collected by dredge from station 61-40, 26 Aug 1961.

Species
ARTHROPODA:Decapoda
Eualus gaimardi
Sclerocrangon boreas
Spirontocaris spinus
ARTHROPODA:Isopoda
Arcturus baffini
BRACHIOPODA
Hemithyris psittacea
ECHINODERMATA:Crinoidea
Heliometra glacialis
ECHINODERMATA:Echinoidea
Strongylocentrotus droebachiensis
ECHINODERMATA:Ophiuroidea
Ophiopus arcticus
Ophiura robusta
ECTOPROCTA
Celleporina surcularis
MOLLUSCA:Gastropoda
Capulacmaea radiata

Table 84. Benthic invertebrates collected by dredge from station 61-43, 28 Aug 1961.

Species	Species
ANNELIDA:Polychaeta	Sertularia schmidti
Chone sp.	Sertularia similis
Eusyllis blomstrandi	
Nereis pelagica	ECHINODERMATA:Asteroidea
Pholoe minuta	Leptasterias groenlandica
Pionosyllis compacta	Solaster endeca
Syllis fasciata	Solaster papposus
ARTHROPODA:Acarina	ECHINODERMATA:Echinoidea
Mites	Strongylocentrotus droebachiensis
ARTHROPODA:Amphipoda	ECHINODERMATA:Ophiuroidea
Ericthonius tolli	Ophiacantha bidentata
Gammaropsis maculata	Ophiopus arcticus
Mesometopa neglecta	
Metopa bruzelii	ECTOPROCTA
	Bidenkapia spitzbergensis
ARTHROPODA:Cirripedia	Callopora lineata
Balanus balanoides	Celleporina surcularis
Balanus balanus	Cheilopora sincera
Scalpellum cornutum	Eucratea loricata
	Hippoporina propinqua
ARTHROPODA:Decapoda	Idmonea atlantica
Lebbeus polaris	Membranipora serrulata
	Parasmittina jeffreysi
ARTHROPODA:Isopoda	Posterula sarsi
Arcturus baffini	Securiflustra securifrons
	Tricellaria peachi
ASCHELMINTHES:Nematoda	Tricellaria ternata
Nematodes	
	MOLLUSCA:Gastropoda
BRACHIOPODA	Boreotrophon fabricii
Hemithyris psittacea	
	MOLLUSCA:Pelecypoda
CHORDATA:Ascidiacea	Hiatella arctica
Boltenia ovifera	Musculus discors (f. laevigatus & substriatus)
Dendrodoa aggregata	
Halocynthia pyriformis	Mya truncata
	Portlandia arctica
COELENTERATA:Hydrozoa	Portlandia lenticula (as Yoldiella)
Calycella syringa	
Campanularia volubilis	NEMERTINA
Coryne pusilla	Nemerteans
Halecium minutum	
Halecium muricatum	PORIFERA
Sertularia robusta	Sponges